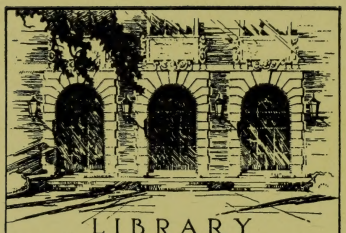

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CATALOGUE OF
MILTON COLLEGE

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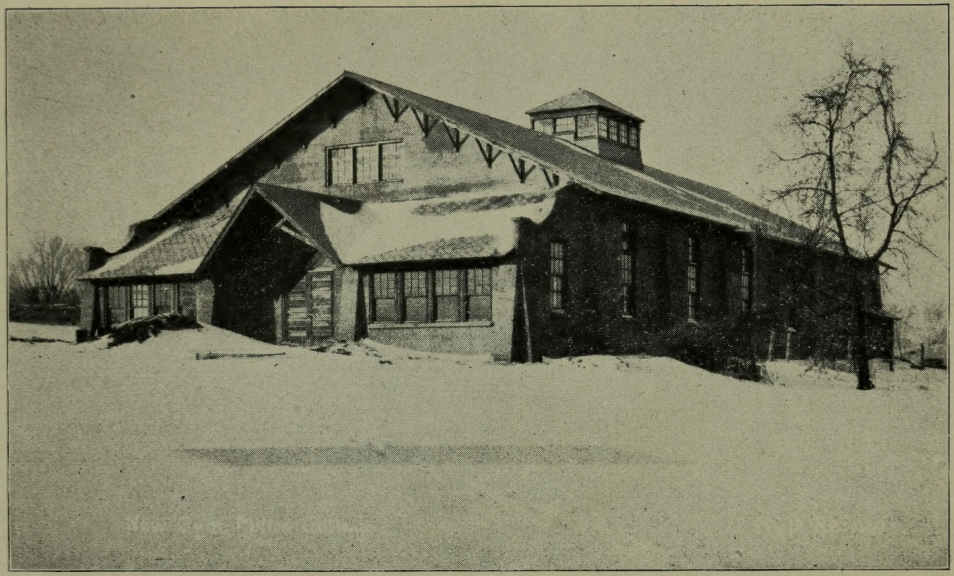

THE NEW AUDITORIUM-GYMNASIUM

CATALOGUE OF

MILTON COLLEGE

1910-1911

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UNIVERSITY OF ILLINOIS

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CALENDAR FOR YEAR 1911-12

1911

Sept. 11-13, Monday-Wednesday, 9 a. m., Registration.
" 14, Thursday, First semester begins
Nov. 30-Dec. 3, Thanksgiving Recess.
Dec. 4, Recitations resumed.
" 14, Thursday, 8 p. m., Semi-Annual Concert of the School of Music.
" 21-Jan. 3, Christmas Recess.

1912

Jan. 4, Thursday, Recitations resumed.
" 25, Thursday, Day of Prayer for Colleges.
" 22-26, Registration for Second Semester.
" 31-Feb. 2, Wednesday-Friday, Final Examinations.
Feb. 2, Friday, First Semester ends.
" 5, Monday, Second Semester begins.
Mar. 12, Tuesday, 8 p. m., Oratorical Contest.
" 20-26, Spring Recess.
" 27, Wednesday, Recitations resumed.
June 12-14, Wednesday-Friday, Final Examinations.

COMMENCEMENT WEEK

June 14, Friday, 8 p. m., Sermon before the Christian Association.
" 15, Saturday, 8 p. m., Joint Session of the Literary Societies.
" 16, Sunday, 8 p. m., Baccalaureate Sermon.
" 17, Monday, 8 p. m., Commencement Exercises of the Academy.
" 18, Tuesday, 2 p. m., Annual Exercises of the School of Music.
" 18, Tuesday, 8 p. m., Shakespearian Play, presented by the Literary Societies.
" 19, Wednesday, 2:30 p. m., Class Exercises.
" 19, Wednesday, 8 p. m., Annual Concert under the direction of the School of Music.
" 20, Thursday, 10 a. m., Commencement Exercises.
" 20, Thursday, 1 p. m., Alumni Luncheon.
" 20, Thursday, 3 p. m., Meeting of the Trustees and Alumni, or of the Alumni Association.
" 20, Thursday, 8-11 p. m., President's Reception.

BOARD OF TRUSTEES

Office expires in 1911.

	E. Stillman Bailey, M. A., Ph. D., M. D.,	Chicago, Ill.
	C. Eugene Crandall, M. A., Ph. D.,	Milton
Hon.	Paul M. Green,	Milton
	Walton H. Ingham, Ph. B.,	Fort Wayne, Ind.
	James Mills, M. S., M. D.,	Janesville
	Albert S. Maxson, M. D.,	Milton Junction
	Wardner Williams, Ph. D., Mus. D.,	Denver, Colo.
Rev.	Frank C. Richardson, M. A.,	Lake Geneva
	Justin H. Burdick, M. D.,	Milton

Office expires in 1912

Prof.	Albert Whitford, M. A.,	Milton
	Ralph Richardson,	Milton
	George R. Boss,	Milton
	J. Nelson Humphrey, M. A.,	Whitewater
	Fred C. Dunn,	Milton
	Milton C. Whitford,	Milton
Rev.	Frank D. Jackson, M. A., LL. B.,	Milton
	Truman A. Saunders,	Milton
	Geo. W. Post, M. A., M. D.,	Chicago, Ill.

Office expires in 1913

	W. Wallace Clarke,	Milton
	Allen B. West, M. A.,	Milton Junction
Rev.	William C. Daland, M. A., D. D.,	Milton
	William B. Wells, M. A., M. D.,	Riverside, Cal.
Rev.	Lester C. Randolph,	Milton
Rev.	Theodore J. Van Horn, M. A.,	Albion
	A. Lovelle Burdick, M. S., M. D.,	Janesville
	[Vacancy, to be filled]	
Dr.	George E. Crosley,	Milton

OFFICERS OF THE BOARD

Hon. Paul M. Green, President.
Rev. Frank D. Jackson, Vice President.
Allen B. West, Secretary.
Prof. Albert Whitford, Treasurer.
C. Eugene Crandall, Assistant Treasurer.
Walton H. Ingham, Financial Agent.

STANDING COMMITTEES OF THE BOARD

On Finance

Fred C. Dunn,
Dr. Albert S. Maxson,
Truman A. Saunders,
W. Wallace Clarke,
Ralph Richardson,
C. Eugene Crandall,

On Teachers

Rev. William C. Daland,
Prof. Albert Whitford,
Dr. Justin H. Burdick.

On Supervision of Athletics

Prof. D. Nelson Inglis,
Prof. Albert W. Kelley,
Mrs. Anna S. Crandall.

On Scholarships

Dr. George W. Post,
Rev. Lester C. Randolph.
Rev. William C. Daland.

FACULTY*

The Rev. WILLIAM CLIFTON DALAND, M. A., D. D., President, Professor of History, Philosophy, English, and Civics.

B. A., Brooklyn Polytechnic Institute, 1879; Student, Union Theological Seminary, New York City, 1883-'86; M. A., Alfred University, 1887; D. D., Milton College, 1896; D. D.. Alfred University, 1903; Organist and Teacher of Music, Elizabeth, N. J., and Brooklyn, N. Y., 1874-'86; Pastor, Leonardsville, N. Y., 1886-'91; Pastor, Westerly, R. I., 1891-'96; Pastor, London, England, 1896-1900; Pastor, Leonardsville, N. Y., 1900-'02; President Milton College since 1902. Published *The Song of Songs*, translated from the Hebrew, with notes, 1st edition, 1887; 2nd edition, 1888.

ALBERT WHITFORD, M. A., Professor of Mathematics and Astronomy.

Graduate, Alfred Academy, Alfred, N. Y., 1853; Instructor, Latin Language and Literature, Milton Academy, 1854-'56 and 1857-'63; B. A., Union College, Schenectady, N. Y., 1857; M. A., Union College, 1861; Superintendent of Public Schools of Rock County, Wis., 1864-'65; Principal, De Ruyter Institute, 1865-'67; Professor, Milton College, 1867-'68; Professor, Mathematics, Alfred University, 1868-'72; Professor, Mathematics, Milton College, since 1872; Acting President, Milton College, 1878-'80.

WALTER DAVIS THOMAS, M. A., Professor of Greek Language and Literature, and Assistant in History.

Graduate, Union Academy, Shiloh, N. J., 1873; Teacher Public Schools, 1873-'84; B. A., Milton College, 1884; M. A., Milton College, 1887; Professor, Greek Language and Literature. Milton College, since 1884; Graduate Student, Special work in Greek, Summer Term, University of Chicago, 1897; Student in Greek and History, Summer Sessions of University of Wisconsin, 1901 and 1903.

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*With the exception of the President, the members of the Faculty are mentioned in the order of their appointment.

MRS. ANNA SOPHIA CRANDALL, M. A., Instructor in German Language and Literature.

B. A., Milton College, 1881; M. A., Milton College, 1885; Instructor, German Language and Literature, Milton College, 1881-'82; Student in Hebrew Language and Literature at Morgan Park Baptist Theological Seminary, 1882-'86; Studied German in Berlin, Germany, 1899-1900; Instructor, German Language and Literature, Milton College, since 1900.

ALFRED EDWARD WHITFORD, M. A., Professor of Physics, and Assistant in Mathematics.

B. A., Milton College, 1896; M. A., Milton College, 1901; Assistant Principal, Waupun High School, Waupun, Wis., 1896-'97; Principal, Milton Public School, 1897-'99; B. A., University of Chicago, 1900; Graduate student in Physics, University of Chicago, 1900-'01; Instructor, Physics and Mathematics, Milton College, since 1901.

ALBERT ROGERS CRANDALL, M. A., Ph. D., Professor of Natural History and Physiology.

B. A., Milton College, 1873; M. A., Milton College, 1876; Ph. D., Milton College, 1885. Entered the Academic Department of Alfred University in 1858. His studies were interrupted by the Civil War. After nearly two years and a half of service in two enlistments, he was mustered out with the rank of First Lieutenant. After studying three years at Milton College and teaching one year as principal of Big Foot Academy, Walworth, Wis., was special student in the Museum of Comparative Zoology at Harvard University during five years, taking special studies in geology, paleontology, and zoology with botanical studies at the Botanical Garden, and also art studies for one year at the Boston Lowell Institute Evening School. During these years the long summer vacations were spent in field studies as a collector for the Museum of Comparative Zoology. These studies were extended over parts of Rhode Island, Massachusetts, and Maine; to the Ottoway region in Canada; to Western New York, and along the Appalachian belt from the Catskills to Northern Georgia and Alabama. Appointed Assistant of Prof. N. S. Shaler of Harvard University in the work of the Kentucky Geological Survey, 1873. Instructor in the Department of Natural History of the Agricultural and Mechanical College of Lexington,

Kentucky, 1873-'74. Three years later was appointed Professor. Instructor in the Summer School of Geology organized by Prof. Shaler at Cumberland Gap, Ky., and Va., in 1875. Continued work on the Geological Survey in conjunction with his duties as professor of Natural History until 1893. Professor of Natural History in Alfred University, 1896-1903. Professor, Natural History, Milton College, since 1903. Formerly fellow of the American Association for the Advancement of Science and of the Geological Society of America. Member of the Advisory Council on Religious Congresses in connection with the World's Columbian Exposition, Chicago, 1893. Among his published works are reports on the Geology and Botany of Eastern Kentucky, Vols. 1, 2, and 4, second series, and Vol. C of later reports, besides many papers and addresses.

MISS ALBERTA CRANDALL, Instructor in Piano Playing.

Student, Milton College and School of Music, 1893-'98; Certificate Pianoforte course, 1898; Student and Teacher of Piano, Alfred University, 1898-1901; Special student under Dr. W. S. Matthews of Chicago, 1901; Student, New England Conservatory of Music, Boston, Mass., 1902-'03; Student, New England Conservatory of Music, pupil of Carl Baermann, 1907-'08. Instructor in Piano Playing, Theory, and History of Music, Milton College, since 1903.

ALBERT WESLEY KELLEY, Ph. D., M. D., Sc. D., Professor of Chemistry.

B. S., Union College, 1876; Ph. D. (in course), Otterbein University, 1892; M. D., College of Medicine and Surgery, 1896; Sc. D., Adrian College, 1906. Professor of Natural Science, Fostoria College, 1879-'86; Professor of Chemistry and Biology, Battle Creek College, 1886-'99; Professor of Chemistry and Biology, Union College, 1899-1901; Dean and Professor of Chemistry, Adrian College, 1901-'06; Professor of Natural History and Agriculture, Alfred University, 1906-'07; Special Lecturer in Medical Chemistry and Bacteriology, College of Medicine and Surgery, 1893-1907. Professor of Chemistry, Milton College, since 1908.

MRS. ELLEN CRANDALL PLACE, Instructor, Violin, Viola, and Violoncello.

Student, Milton College and School of Music, 1893-'98; Student and Teacher of Violin, Alfred University, 1898-1901; Student, Violin, at

Bostlemann Conservatory of Music, Corning, N. Y., 1900-'01; Student, Violin Playing and Orchestration, New England Conservatory of Music, Boston, Mass., 1902-'04. Instructor, Violin, Viola, and Violoncello, Milton College, since 1904.

DAVID NELSON INGLIS, M. A., Professor of Romance Languages.

B. A., Milton College, 1905; M. A., University of Wisconsin, 1908; Principal of Graded School, Marquette, Wis., 1905-'07; Student, University of Wisconsin, 1907-'08; Assistant in Romance Languages, University of Wisconsin, 1908-'10. Professor of Romance Languages, Milton College, since 1910.

PAUL ROOD CRANDALL, B. A., Assistant in Mathematics and Physics.

B. A., Milton College, 1910.

MISS MARY MARGARET SWINNEY, B. A., Instructor in Latin and Assistant in English.

B. A., Milton College, 1908; Teacher, Walworth High School, 1908-'10. Instructor in Latin and Assistant in English, Milton College, since 1910.

JOHN NORTON DALAND, Assistant in Latin.

CLAIR LAFAYETTE STILLMAN, Assistant in Latin.

MRS. JANET B. DAY, Instructor in Elocution, and in Physical Culture for Women.

MISS MABEL MAXSON, Librarian.

Prof. A. E. WHITFORD, M. A., Registrar.

GENERAL INFORMATION

Milton College is situated in the village of Milton, Rock County, Wisconsin, on the Prairie du Chien division of the Chicago, Milwaukee and St. Paul Railway, and at the junction of this division with the Mineral Point branch, which unites at Janesville with two other lines of that railroad going to Chicago. One mile west of the village, the Prairie du Chien division crosses at Milton Junction the Janesville, Watertown and Fond du Lac line of the Chicago and Northwestern Railway. By these great thoroughfares, direct access is secured several times a day to the principal parts of the Northwest.

The institution was first opened as a Select School in the village of Milton in the year 1844. In the year 1848 it was incorporated as Du Lac Academy, which in 1854 was reorganized under the name of Milton Academy. In April, 1867, by an act of the State Legislature, it was created Milton College, under which name and style it has since been carried on as a College of Liberal Arts, with a preparatory department, now called the Academy of Milton College, and a School of Music.

The moral and religious influences of the community about the institution are unsurpassed. The village has always been free from the haunts of idleness and dissipation, and is still one of the safest in these respects where young men and women may attend school. Its inhabitants have had long experience in association with students, and have, from the beginning, exercised the most kindly feelings and thoughtfulness in assisting them in their work, and in encouraging them to acquire a thorough and liberal education.

AIMS OF THE INSTITUTION

Milton College has won its favorable reputation and maintained its usefulness by the steady and earnest pursuit of the following ideals:—

1. It has been from the first co-educational, offering all its advantages equally to men and women.

2. Encouragements and opportunities of self-support are always given as far as possible. It is possible for industrious students to earn enough to help them pay a large part of their expenses. Nevertheless it is unwise for a new student to depend upon obtaining work at once. It is desirable that such coming for the first time have sufficient funds to pay his expenses for at least one semester, or one half the college year.

3. While students are admitted at any time, and may choose any studies offered either in the Academy or the College which they are qualified to pursue, they are nevertheless advised to select definite courses of study and pursue the same consistently. They are also advised to enter at the beginning of the college year and continue their studies through one year at least. This is especially urged upon students who have to interrupt their studies in order to earn money for their expenses. It is better to spend a year in earning money and then attend college for a year than to spend a part of each year in study and another part in earning money.

4. From the first, Milton College has aimed to secure thoroughness in all the student's work and sound preparation at every stage of education as a basis for further advancement.

5. The system of discipline enforced has as its aim the following ends: First, to secure excellent proficiency of the student in his classes; second, to aid him in the formation of those habits of life which will insure success, and to develop those traits of character which will render him self-reliant, courteous, law abiding, and upright. The sentiments of personal honor and goodwill are called into action in securing good order among the students; and appeals are made to one's sense of duty in supporting rightful authority and in maintaining the high character of the institution.

6. While the teachers try by precept and example to inculcate the principles of the Christian religion, no sectarian tenets are taught. Daily chapel exercises are held; regular weekly prayer meetings are sustained by the students themselves, who are encouraged to attend divine services of some church of their choice; any religious truth, not of a denominational character, is explained in the ordinary recitations and in the devotional exercises of the students, when occasion demands such explanation.

GOVERNMENT OF STUDENTS

I. Terms of Admission

1. No person is admitted to a class until matriculated as a student and duly registered at the office for the study in question. Days are appointed for this purpose at the beginning of each semester, although students may, if necessary, be admitted at other times.

2. Admission to the Freshman class of the College is in accordance with the entrance requirements as stated on pages 19 and 20.

3. Admission to the classes of the Academy is in accordance with the standing of the student, determined either by examination or by credited standings from other schools.

4. Students are admitted to classes in the School of Music subject to the judgment of the instructors as to their qualifications.

5. Students in the School of Music and those pursuing special courses must conform as well as others to the general rules and regulations.

6. Applicants for admission from other institutions must present certificates of dismission in good standing when required to do so.

II. Deportment and Discipline

1. The general oversight of the deportment and studies of the students is assigned to the Faculty, of which the President is the executive officer. An appeal from any decision or arrangement of his, as well as any request for any special or general favor, may be made through him directly to the Faculty.

2. Students matriculating and taking up studies in any courses are regarded as pledging themselves to obey the following Rules and Regulations.

3. The entire management of the libraries, as well as of all arrangements for the Library and Reading Room, belongs to the Librarian, who is annually chosen by the Trustees.

III. General Rules and Regulations

1. All charges for tuition must be paid in advance. No deduction in these will be made for an absence of less than a half semester.

2. After a student is admitted and his studies are registered at the office, no change in these will be allowed without the permission of the President.

3. Any student who desires to pursue a study outside of a class and receive credit therefor must first obtain special permission from the Faculty. Such work must then be carried on under the supervision of the professor in charge of the department in which the study is pursued. The fee for such supervision is noted in the table of fees under "Miscellaneous Information," and must be paid with other fees at the office.

4. Regular study and punctual attendance upon all recitations and prescribed exercises are required of all students. All students are expected to attend the daily chapel exercises. Any college student who during any semester is absent from chapel exercises to the number of one in ten of the whole number will be required to take two semester-hours' additional work in his course toward his degree. Any academy student similarly absent will be required to do additional work toward graduation to the amount of one half unit.

5. Professors and instructors may deduct one unit on a scale of one hundred from a student's standing for a semester in any study for each unexcused absence from a class exercise in that study. All applications for excuses for absence from recitations shall be made to the President, in advance if possible, and such excuses when so obtained shall be filed with the proper instructor. Blanks for this purpose are provided at the office.

6. Students who do not live with parents or guardians and

who have occasion to leave the village should obtain permission to do so from the President.

7. All public meetings or social gatherings of the students, including those of the Associations, the Literary Societies, the Class Organizations, the College Orchestra, and the Chorus Classes, are held subject to the approval of the President.

8. Profane and obscene language at all times and gambling in all forms are forbidden.

9. Students convicted of using intoxicating liquors, except by order of a physician, shall forfeit their standing in the Institution.

10. Students are prohibited from using tobacco on the grounds or in the buildings of the Institution.

11. Other special rules and regulations may be made from time to time by the Faculty or Trustees.

IV. Rules Governing Goodrich Hall

1. The Hall will be closed at ten o'clock in the evening.

2. Young ladies who are obliged for any reason to be out in the evening are expected to make an arrangement for their absence with the preceptress and must not remain out later than ten o'clock unless such arrangement is perfectly satisfactory to the preceptress.

3. The young ladies are expected to refrain as far as possible from visiting each other in their rooms during the hours devoted to college recitations. They are asked to discourage visits during these hours.

4. Gentlemen visitors are not allowed at all in the young ladies' rooms, but may be received in the reception room at proper times, subject to any arrangement the preceptress may see fit to make. This regulation is not intended to apply to parents or guardians nor to parties given subject to the approval of the preceptress.

5. Parties or other entertainments may be given only subject to the approval of the preceptress.

V. Rules Governing Athletics

1. All the affairs of the Athletic Association, including their games, field day, and use of the Gymnasium for their exercises, are under the supervision of the Faculty Committee on Athletics, which is appointed by the Trustees and acts in consultation with the President.

2. Students are not allowed to engage in games or sports during recitation hours except as may be specially arranged by the Faculty.

3. Games or sports are not allowed on the campus, in the gymnasium, or in the village park on either Saturday or Sunday.

4. The gymnasium is open after 3:15 P. M. each school day and is closed not later than 8 P. M.

5. In arranging schedules of games the manager of every team shall consult with the chairman of the Faculty Committee on Athletics.

6. A team may play not more than one regularly scheduled game per week, and as far as possible games away from home should alternate with games at home.

7. Students pursuing regular studies to the amount of ten recitation periods a week in either College or Academy are eligible to represent the Institution in athletic contests, provided they have been duly registered at the beginning of the semester during which the contests are held; except that no student is allowed to play on any team who has done unsatisfactory work for two consecutive weeks. Further, no student who is pursuing studies in another institution that has an athletic team is allowed to play on a similar team representing Milton College.

VI. Rules Respecting Examinations

1. Besides the final examination held at the close of each semester, frequent written tests are held during the semester; from an average of the student's standings in these examinations as well as from his standings in daily recitations the final standings are determined.

2. No student whose absence from recitations or other exercises in a given study reach a total of ten per cent of the whole number of class exercises in that study in a given semester will be allowed to take his final examination in that study except by special permission of the Faculty, which permission shall be obtained by petition of the student so absent. In computing such percentage excused as well as unexcused absence shall be counted, and an absence on the first day of a semester or the last day before a recess or the first day after a recess shall be counted as two absences.

3. College seniors whose class standings are above ninety per cent during the second semester may be excused from taking final examinations in June.

4. In order to receive credit for any study a student must reach an average standing of at least seventy on a scale of one hundred. Students who fail to pass in any study, in order to receive credit, must pursue the study again, unless by special permission of the Faculty they are allowed to take another examination in which they receive a satisfactory standing.

5. A student failing without excuse to take a written test in any class will not be allowed to continue in that class until he has complied with his duty, and a student failing to take the final examination in any study will not be allowed to register for a subsequent semester unless by special permission of the Faculty he arranges to take the examination in question.

6. For every special final examination—that is, for every final examination held for the benefit of a single student—a fee of one dollar is charged. See table of Fees.

VII. Arrangements Respecting Graduation

1. A student completing satisfactorily the studies in any one of the courses of the Academy is graduated in that course, and receives a diploma certifying the fact.

2. Students having completed the studies in any one of the courses in Music (Pianoforte, Violin, Viola, Violoncello, Vocal Music, Voice Culture, or Harmony), together with the studies in any one of the courses of the Academy or their equivalents, will be entitled to receive certificates of graduation in such course.

3. Students who are graduated from the College receive the degree of Bachelor of Arts.

ENTRANCE REQUIREMENTS

Every student who enters the Freshman class must offer fourteen (14) entrance units. The term *unit* means the equivalent of five recitations a week for one year in one branch or closely allied branches of study. These shall be as follows:

Mathematics (Algebra 1, Geometry 1)	2 units
English (Rhetoric 1, Literature 1)	2 "
History (Ancient History 1, or Medieval and Modern History 1, or United States History 1, or English History 1)	1 "
Science (Botany 1, or Botany and Physical Geography 1, or Chemistry 1, or Physics 1, or Physiology or Physical Geography 1, or Zoology 1)	1 "
Language (Latin 4, or Two Languages each 2)	4 "
	10 units

Any *four units* from the following:

*One Language	1 or 2 units
English	1 or 2 "
History	1, 2 or 3 "
Civics and Economics	1 "
Mathematics	1 "
Science	1, 2 or 3 "
Optional Subjects	1 "

Students who can offer only two units of language, but who have enough other credits to make up the full fourteen (14) units, will be admitted to the Freshman class, provided that they take two years of another language in the Academy of Milton College, for which ten (10) semester-hours' credit will be given on

*If one unit only additional is offered, it must not be first-year work in any language.

their free electives in the College course, except in the Greek, for which sixteen (16) semester-hours' credit will be given, and in the case of French, pursued in the College, for which twenty (20) semester-hours' credit will be given.

Sixteen semester-hours' credit may be given for Cicero and Virgil pursued by college students fully prepared in language.

The description of the courses under "Studies in the Academy" constitutes a detailed statement of the most of the entrance requirements.

Admission

Students who are graduates of any high school or academy which is on the accredited list of preparatory schools published by the University of Wisconsin will be admitted to the College upon the presentation of a certificate signed by the principal showing the satisfactory completion of the fourteen (14) required units as shown under "Entrance Requirements." Other students desiring to enter the College will furnish certificates of work done in their respective preparatory schools, and may be called upon to submit to entrance examinations in part or in all of the subjects offered for entrance from the school in question. When, as sometimes happens, such students are conditioned in one or more subjects, they are allowed to make up their conditions in the Academy of Milton College.

General Statement

The unit for counting in the College courses is the semester-hour, which is equal to one hour of recitation or lecture per week for one semester. Two hours of laboratory work or two hours of elocution are credited as one semester-hour. Students are expected to take sixteen (16) hours per week in recitations, lectures, and laboratory work, making thirty-two (32) semester-hours per year, and one hundred and twenty-eight (128) for the course. No student will be permitted to receive credit toward graduation of more than eighteen (18) semester-hours in one semester in regu-

lar studies except by permission of the Faculty obtained in advance. Such permission will not be granted in any year to a student whose average standing during the preceding year has not reached ninety per cent.

Required Work

The required work by years is as follows:

Freshman		
	English 3 hours per week	= 6 s.-h.
	Mathematics 3 hours per week	= 6 s.-h.
	Two Languages each 5 hours p'r w'k	= 20 s.-h.
		32
Sophomore		
	History 3 hours per week	= 6 s.-h.
	Psychology 3 hours per week	= 6 s.-h.
	Natural Science 5 hours per week	= 10 s.-h.
	Elective 5 hours per week	= 10 s.-h.
		32
Junior		
	Logic and Philosophy 3 hours p'r w'k	= 6 s.-h.
	Elocution 2 hours per week*	= 2 s.-h.
	Elective 12 hours per week	= 24 s.-h.
		32
Senior		
	Ethics 2 hours per week	= 4 s.-h.
	Elective 14 hours per week	= 28 s.-h.
		32
Total for the course		128

*Elocution may be taken in the Sophomore year in addition to the other work; this is advised if the student can arrange time for it then.

Of the two languages pursued in the Freshman year one must be a continuation of a language offered for entrance. The student may take his Natural Science in the Freshman year and then defer the second language till the Sophomore year. This is recommended to those taking Science as a major.

Major Study

The studies of the College courses are divided into three groups as follows:

I. Language and Literature.
II. History, Social Science and Philosophy.
III. Natural Science and Mathematics.

At the beginning of the Sophomore year, a candidate for a baccalaureate degree must, with the advice of the President, choose a major subject from one of the above groups and a minor from another department of the same group; provided, however, that a suitable language may be chosen as a minor in connection with any major and that mathematics may be chosen as a major in connection with a minor in either Group I or II. He will be required to do not less than twenty (20) semester-hours in his major subject and not less than ten (10) semester-hours in his minor. Studies to be counted toward work in the major and minor subjects are allowed only according to the judgment of the professor in charge of the work in question. The electives of the Sophomore year should be devoted to the major subject.

Electives for the Sophomore Year

I	II	III
Latin	Economics	Conics and Surveying
Greek	Advanced Civics	Analytics
French	History of Education	Biology
Spanish		Chemistry
German		Physics
Sophomore Composition		
Anglo-Saxon and Middle English		
College Literature		

Electives for the Junior and Senior Years

I	II	III
Latin	History	Conics and Surveying
Greek	Economics	Analytics
French	Advanced Civics	Calculus
Spanish	History of Philosophy	Astronomy
German	History of Education	Biology
Old and Middle High German	Pedagogy	Zoology
Old Saxon		Botany
Gothic		Physiology
Anglo-Saxon		Geology
Middle English, etc.		Chemistry
English Literature, etc.		Physics

Degrees

All graduates from Milton College receive the degree of Bachelor of Arts.

Orations

Each student in the Sophomore and Junior year is required to produce an oration. These orations must be finished and handed to the President before the end of the first semester. They must be delivered either in the annual contest of the Oratorical Association of the college, or in one of the preliminary contests, or in some public exercises on a date earlier than that of the annual contest.

Theses

A thesis on some subject connected with the Major Study is required of every student for graduation for which four (4) semester-hours' credit is given in the Senior year. Theses must be typewritten and furnished for the college library by the Friday

before commencement. Diplomas will be withheld from students that fail to comply with this requirement.

Teachers' Certificates

By action of the State Board of Examiners it has been decided that all applications for Life Certificates to teach in the state of Wisconsin are to be considered solely upon their merits. Any graduate desiring to obtain such a certificate must file an application setting forth the studies he has pursued, duly certified by the college from which he is graduated. He may then be required to take an examination in certain subjects. If the application is satisfactory and the examination is duly passed, a certificate will be granted after one year's successful experience in teaching and the maintenance of a good moral character.

DEPARTMENTS OF INSTRUCTION

English

1) FRESHMAN ENGLISH—Lectures on English Composition. Exercises in paragraph and theme writing, directed toward the formation of an effective prose style. Text-books: Newcomer's *Elements of Rhetoric* and Lewis' *Specimens of the Forms of Discourse.* Required of all college students in the Freshman year. *Three hours a week throughout the year.*

Note.—The work in this course consists of the following parts:

a) Exercises in Newcomer's *Elements of Rhetoric* three times a week, or twice a week supplemented by lectures, according to the needs of the class from time to time.

b) Short themes based on exercises in Lewis's *Specimens of the Forms of Discourse* twice a week.

c) Weekly translations from a foreign language.

d) Longer bi-weekly themes based on the required readings.

e) Required Readings: (1) A play of Shakespeare, either *King Henry the Fourth, King Henry the Fifth, Antony and Cleopatra, Twelfth Night,* or *A Winter's Tale,* (2) Winchester's *Principles of Literary Criticism,* (3) Matthew Arnold's *Essays in Criticism.*

2) SOPHOMORE COMPOSITION—Text-book, Wendell's *English Composition.* Semi-monthly themes. Required reading of modern literature. Elective. *Two hours a week throughout the year.*

3) OLD ENGLISH PROSE—Anglo-Saxon Grammar with selections for reading and study, chiefly West Saxon Prose, Ælfred and Ælfric. Text-book: Bright's *Anglo-Saxon Reader,* with references to Cook's Sievers' *Old English Grammar.* Required of those in the College who take English as a major.* *Three hours a week in the first semester.*

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*Courses 3 to 11 have special reference to the history and development of the language. It is recommended that those choosing English as a major, after taking course 3, pursue consistently either courses 9, 10, and 11 in order, or courses 4, 5, and 6 in order, or both together; or the courses in Anglo Saxon Poetry may well be taken after the courses in Middle English.

4) Old English Poetry—Anglo-Saxon Poetry, with special study of syntax. The poems in the Anglo-Saxon Chronicle, selections from Cædmon, *The Battle of Maldon*, *The Wanderer*, *The Phœnix*, etc. Text-books as in course 3, with references to March's *Comparative Grammar of the Anglo-Saxon Language*. Open to those who have taken course 3. *Three hours a week in the second semester.*

5) Anglo-Saxon Dialects—A study of the Northumbrian, Mercian, and Kentish dialects, with many of the most ancient remains of heroic poetry. Text-books: Kluge's *Angelsächsisches Lesebuch*, *Sievers' Angelsächsische Grammatik*, and Sweet's Student's Dictionary of Anglo-Saxon, with references to Kluge's *Geschichte der englischen Sprache*. Open to those who have taken courses 3 and 4. *Three hours a week in the first semester.*

6) Beowulf—Study of the Anglo-Saxon text with reference to early Germanic life and customs. Text-book, Wyatt's *Beowulf*, with references to other works. Open to those who have taken courses 3 and 4. *Three hours a week in either semester, as classes may be arranged.*

7) Special Courses in Old English—Classes may be formed for the study of other poems or special texts; as Ælfred's *Boethius*, the Anglo-Saxon Chronicle, Cynewulf's *Christ* or *Elene*, *etc.* Open to those who have taken courses 3 and 4.

8) Old Saxon and Gothic—In connection with the German department courses are offered in these languages, in which are read the *Heliand* and the *Gothic Gospels*. Open to those who have studied two years in Anglo-Saxon. *Two hours a week.*

9) Early Middle English—A. D. 1066-1300. Homilies, *Later Saxon Chronicle*, and prose selections in the Midland dialect; *The Ormulum*, *Havelok the Dane*, and poetical selections in the Midland dialect; *The Ancren Riwle* and prose selections in the Southern dialect; poetical selections in the Southern dialect, Layamon's *Brut*, *The Owl and the Nightingale*, and *King Horn*. The Midland dialect is made the basis of grammatical instruction, and especial attention is given to Danish and Norman influences. Text-book:

Emerson's *Middle English Reader*, with supplementary texts. Open to those who have taken course 3. *Three hours a week in the second semester.*

10) Later Middle English—A. D. 1298-1400. Sir John Mandeville, Wiclif, John of Trevisa, Dan Michel of Northgate (*Ayenbite of Inwyt*), Robert of Gloucester, *Handlyng Synne*, Lawrence Minot, *Cursor Mundi*, Barbour (*The Bruce*), Langland, Gower, and Chaucer, with a closer study of dialects, including the Northern dialect. Text-books as in course 9. Open to those who have taken course 9. *Three hours a week in the first semester.*

11) Transition and Tudor English—A. D. 1400-1579. Occleve, Lydgate, James I. of Scotland, Ballads, Dunbar, Douglas, Mallory, More, Tyndale, Ascham, Berners, etc., to Spenser. Text-book, Skeat's *Specimens of English Literature*, 1394-1579. Open to those who have taken course 3. *Three hours a week in the second semester.*

12) College Literature—A General Survey Course, covering the literature from the Norman Conquest to the present time. Text-books: Manly's *English Prose* and Manly's *English Poetry*, with lectures and references to other works. Occasional papers or bi-weekly themes. *Two hours a week throughout the year. Three hours' credit is given to those who write themes regularly in this course.*

13) Modern English Poetry—Lectures, class exercises, readings, and written papers. The poets studied are Keats, Shelley, Byron, Coleridge, Wordsworth, Landor, Browning, Tennyson, Arnold, Rossetti, Morris, and Swinburne. Text-books: Payne's *The Greater English Poets of the Nineteenth Century* and Page's *British Poets of the Nineteenth Century.* Open to advanced students of English. *Two hours a week throughout the year.*

14) Special Courses—Classes may be arranged for the study of other departments of earlier or modern literature, such as the miracle plays, the pre-Shakespearian drama, or the modern novel. Open to advanced students of English.

History

1) Medieval History—Text-book, Adams' *European History*, to p. 303, as a basis of facts. Required readings: Adams' *Civilization During the Middle Ages;* Bryce, *Holy Roman Empire;* Guizot, *History of Civilization* (Knight's edition); Robinson, *Readings in European History*, Vol. I., and other works. Also select pamphlets from the University of Pennsylvania series and Munro and Sellery's Translations. Brief lectures on such topics as are desired. Occasional written papers. Required in the Sophomore year. *Three hours a week in the first semester.*

2) Modern History—Text-book, Adams' *European History* to completion. Required reading: Fisher, *Reformation;* Schaff, *History of the Christian Church*, Vol. VI.; Green, *History of the English People;* Adams, *Growth of the French Nation;* Schwill, *Political History of Modern Europe.* Lectures as desired. Reading also required on contemporaneous American History. Written papers bi-weekly. Required in the Sophomore year. *Three hours a week in the second semester.*

3) Special Courses—Special courses may be arranged in English or American History. Open to those who have taken course 1.

Political and Economic Science

1) Advanced Civics—Text-book, Beard's *American Government and Politics*, with references to Wilson's *The State*, Bryce's *American Commonwealth*, and other works. *Three hours a week in one semester.*

2) Anglo-American Law—Lectures on the origin and nature of our law, treating especially of Anglo-Saxon, Roman, and Feudal Law, with a study of texts. *Two hours a week throughout the year.*

3) Economics—Text-book, Bullock's *Introduction to the Study of Economics*, with references to Mill's *Principles of Political Economy* and other standard works. *Three hours a week in one semester.*

Philosophy and Education

1) Descriptive Psychology—Lectures. Text-book, Angell's *Psychology*, with references to Ladd, James, and other authors. Required in the Sophomore year. *Three hours a week in the first semester.*

2) Analytical Psychology—Lectures. Text-book, Witmer's *Analytical Psychology*, with class exercises and experiments. Required in the Sophomore year. *Three hours a week in the second semester.*

3) Logic—Lectures. Text-book, Creighton's *Introductory Logic*, with references to Mill, Bosanquet, Lotze, and other authors. Required in the Junior year. *Three hours a week in the first semester.*

4) Introduction to Philosophy—Lectures. Text-book, Paulsen's *Introduction to Philosophy.* Required in the Junior year. *Three hours a week in the second semester.*

5) Ethics—Lectures. Text-book, Dewey and Tuft's *Ethics*, with references to bibliography. Required in the Senior year. *Two hours a week throughout the year.*

6) History of Education—Lectures. Text-book, Cubberley's *Syllabus*, with references to bibliography. Required of those who wish to obtain Teachers' State Certificates. *Two hours a week throughout the year.*

7) Pedagogy—Lectures. Text-book, Lange's *Apperception*, with references to bibliography. Practical work in teaching. Required of those who wish to obtain Teachers' State Certificates. *Three hours a week in the second semester.*

8) History of Philosophy—Lectures, with references to Zeller, Lewes, Cousin, Burt, Windelband, and other authors. Open to those who have taken courses 1-4. *Two hours a week as arranged.*

Latin

1) Livy or Cicero—Selections from Livy, Books I. and II., or XXI. and XXII., or else either Cicero *De Senectute* or *De Amicitia*,

supplemented by Virgil's Eclogues. Exercises in writing Latin once a week. *Four hours a week in the first semester.*

2) HORACE—Selections from the Odes, Satires, and Epistles. *Five hours a week in the second semester.*

3) ROMAN SATIRE—Selections from Juvenal, Horace, and Persius. *Three hours a week in one semester.*

4) TACITUS—Germania and Agricola. *Two hours a week in one semester.*

5) ROMAN DRAMA—Selected Plays of Plautus and Terence. Early Latin Literature. *Three hours a week in one semester.*

6) EPISTOLARY LATIN—Selected Letters of Pliny and Cicero. *Three hours a week in one semester.*

7) CATULLUS—*Two hours a week in one semester.*

8) STUDY OF ROMAN ANTIQUITIES—*Three hours a week in one semester.*

9) EASY TRANSLATION COURSE—Either (a) Quintus Curtius and Sallust, or (b) Cæsar (Book VII. of the Gallic War) and Nepos. Open to all college students. *One hour a week throughout the year.*

10) ADVANCED LATIN COMPOSITION—Open to students who have completed courses 1 and 2. *Two hours a week throughout the year.*

11) SPECIAL COURSES—Author to be read and work to be done is arranged from year to year to meet the needs of the time. *Three hours a week in one semester.*

12) STUDY OF SPECIAL SUBJECTS, arranged from year to year; as Roman Political Institutions, Latin Palæography, Roman Law, Latin Hymns, etc. *Two hours a week in one semester.*

Note.—A Latin Club, formed among the students, holds meetings once a month.

Greek

1) BEGINNERS' GREEK—Those who begin Greek in the College will take the two years of preparatory work in the Academy, for

which sixteen (16) semester-hours' credit will be given. See under "Studies in the Academy."

2) Homer and Lysias—Homer's *Odyssey*, Books, V.-XII., or the Iliad, Books IV.-VI., and selections, in the first semester; Lysias, with grammar and composition, and the *Philippics* of Demosthenes in the second semester. *Five hours a week.*

3) Advanced Greek—*The Alcestis* of Euripides, selections from Herodotus and Thucydides, and Jebb's *Primer of Greek Literature*, in the first semester. Plato's *Apology* and *Crito* and Thucydides, in the second semester. *Three hours a week.*

4) Dramatic Poets—Two plays of Æschylus, Sophocles, or Euripides and the study of meters in the first semester. Plays of Aristophanes with discussion of the Attic Drama and Theatre in the second semester. *Three hours a week.*

5) Poets and Orators—Greek Lyric Poets in the first semester; Greek Orators in the second semester. *Three hours a week.*

6) Plato—Selected Dialogues. *Twice a week throughout the year.*

French

1) First Year French—Work in grammar, reading, conversation, and phonetics, based upon Fraser and Squair's *French Grammar*. Additional texts read during the year. *Five hours a week throughout the year.*

2) Second Year French—Translation and criticism of standard French authors, following the development of French literature from the seventeenth century through the nineteenth century. Composition one hour a week. *Four hours a week throughout the year.*

3) General Survey—A brief survey of the whole field of French literature, showing main divisions and placing representative authors. Lectures and collateral reading. *Three hours a week throughout the year.*

4) Composition and Conservation—For students who wish to do advanced work in composition, conducted wholly in French. *Two hours a week throughout the year.*

Spanish

First Year Spanish—Hill and Ford's Spanish Grammar used in connection with Giese's First Spanish Book. Translation of selections from *Gil Blas*. *Four hours a week throughout the year.*

Second Year Spanish—Translation of selections from the *Don Quijote* of Cervantes, and from more modern writers. *Two hours a week throughout the year.*

German

1) Beginners' German—Those who begin German in the College will take the two years of preparatory work in the Academy, for which ten (10) semester-hours' credit will be given. See under "Studies in the Academy."

2) Freshman German—Narrative and dramatic prose to the extent of 300 or 400 pages, and a drama of Lessing or Schiller, Review of Grammar, and Syntax. *Prose Composition* continued. Conversation exercises and essays based on the reading matter. Open to those who offer two entrance units of German. *Five hours a week throughout the year.*

3) Classical Prose and Verse—Schiller's *Wallenstein's Tod*, Goethe's *Egmont*, or Selections from 18th and 19th century authors, with written exercises. *Three hours a week throughout the year.*

4) Modern German Dramatists—Selections from Grillparzer, Hauptmann, or Ludwig. *Three hours a week throughout the year.*

5) Critical German Prose—Rapid reading in history, biography, criticism, or scientific subjects, designed for those who wish to enable themselves to read historical, philosophical, or scientific works in German. *Two hours a week throughout the year.*

THE WHITFORD MEMORIAL HALL

6) MODERN GERMAN NOVELISTS—Readings from authors like Scheffel, Freytag, or Sudermann. *Two hours a week throughout the year.*

7) HISTORY OF GERMAN LITERATURE—Kluge's *Geschichte der deutschen Literatur. Two hours a week throughout the year.*

8) MEDIEVAL GERMAN—Courses in Middle High German and Old High German are offered whenever students who are prepared desire to form classes. Wright's Primers are used for elementary study, preparatory to a fuller treatment of the older German dialects in larger German works.

9) OLD SAXON—For the benefit of students specializing in English studies courses are offered in Old Saxon (Old Low German). Text-books: Holthausen's *Altsächsisches Elementarbuch* and Behaghel's *Heliand und Genesis. Two hours a week in one semester, continued in another semester if the whole of the Heliand is read.*

10) GOTHIC—For students in Germanic philology courses are offered in the Gothic Gospels of Ulfilas. Text-book, Wright's *Primer of the Gothic Language* for the elementary course.

Courses 3 to 7 are open to those who have had course 2. Courses 8 are for advanced German students. Courses 9 are for those prepared in German and Anglo-Saxon. Courses 10 are for those pursuing advanced linguistic studies.

Note.—A German Club, formed among the students, holds meetings once a month.

Mathematics and Astronomy

1) ALGEBRA—Hawkes' *Advanced Algebra.* Theory of Exponents. Theory of Quadratic Equations, Graphic Representation, Theory of Limits, Ratio and Proportion, Variation, Progression, Permutations and Combinations, Binomial Theorem, and Logarithms. Required in the Freshman year. *Three hours a week in the first semester.*

2) TRIGONOMETRY—Crawley's *Plane and Spherical Trigonometry* with numerous exercises. Required in the Freshman year. *Three hours a week in the second semester.*

3) Advanced Algebra—Undetermined Coefficients, Series, Probability, Complex Numbers, Determinants, Theory of Equations, and Solution of Higher Equations. Prerequisite: Course 1. *Three hours a week in either semester.*

4) Surveying—Hodgman's *Land Surveying.* An application of Geometry and Trigonometry to the measurement of heights, distances, areas, and volumes, with daily use of instruments for measuring lines and angles: the chain, the compass, the rod, and the transit. *Two hours a week in the second semester.*

5) Plane and Solid Analytic Geometry—Bailey and Wood's. Loci, Cartesian and Polar Co-ordinates, the Straight Line, the Conic Sections, General Equations of the Second Degree, the Point and the Line in space, and Quadratic Surfaces. Prerequisites: Courses 1 and 2. *Three or four hours a week throughout the year.*

6) Differential and Integral Calculus—Murray's *First Course in Infinitesimal Calculus.* Differentiation of Algebraic, Logarithmic, Exponential, Trigonometrical, and Circular Functions, and applications to the Development of Functions, Maxima and Minima of Functions, and Evolution of Intermediate Forms; Integration of Differential Forms, and Applications to Plane Curves, Areas, and Volumes. Prerequisite: Course 5. *Four hours a week throughout the year.*

7) Astronomy—Young's *Manual of Astronomy.* A study of the fundamental principles of Descriptive, Spherical, Physical, and Practical Astronomy, with numerous problems and exercises. Prerequisite: Courses 2, and 4 or 5, and Physics 1. *Three hours a week in the first semester.*

Physics

0) Elementary Physics—Text-books: Millikan and Gale's *A First Course in Physics,* and Millikan and Gale's *A Laboratory Course in Physics.* Open for credit to Freshmen who have not offered Physics for entrance. For description see Physics under Academy.

1) General Physics—Lecture and laboratory practice. Open to all students who have had the mathematics of the Freshman year. Three lectures and one recitation a week. Laboratory practice, four hours a week. *Full study throughout the year.*

2a) Advanced Course of Lectures—Heat and Light. *Three times a week in the first semester.*

2b) Advanced Course of Lectures—Electricity and Magnetism. *Three times a week in the second semester.*

Chemistry

1) General Chemistry—The subjects covered in this course will include a careful study of the occurrence and properties of the elements, together with the laws governing all chemical reactions and stoichiometrical calculations. In the laboratory the reactions are still farther studied, followed by series of experiments in the systematic analysis of simple compounds. Prerequisite: Physics, course 0. *Two hours each day, five times a week throughout the year.*

2) Analytical Chemistry—A systematic course in qualitative and quantitative analysis, by both volumetric and gravimetric methods. The analysis is largely that of alloys, ores, and commercial products. Prerequisite: Course 1. *Five times a week throughout the year.*

3) Organic Chemistry—Laboratory practice, supplemented by lectures and recitations. It is intended to give the student a general knowledge of the carbon compounds. Special attention is paid to practical application. *Five times a week in the first semester.*

4) Applied Chemistry—Lectures and laboratory work upon subjects pertaining both to Inorganic and Organic Chemistry, including the analysis of food products: milk, butter, bread, water, soils, fertilizers, etc. *Five times a week in the second semester.*

Biology and Geology

1) Biology—Microscopy, Plant and Animal Biology. Laboratory work and lectures. Open to Freshmen and Sophomores. *Two hours each day. Five times a week throughout the year.*

2) Physiology—Anatomy, Physiology and Hygiene. Open to Sophomores and Juniors. *Five times a week in the first semester.*

3) Zoology—Laboratory work. Special studies and a summary thesis. Open to Sophomores and Juniors. *Two hours each day. Three times a week in the second semester.*

4) Physiography—Lectures, review papers, and discussions. Open to Juniors. *Five times a week in the first semester.*

5) Geology and Paleontology—Class work. Field Studies, and a Thesis. Open to Juniors. *Five times a week in the second semester.*

6) Special Courses—These courses are designed especially for those who choose their major in one of the above departments. The work will include the senior thesis, a copy of which must be placed in the department library. Open to Seniors. *Three times a week throughout the year.*

THE ACADEMY OF MILTON COLLEGE

The Academy of Milton College is primarily a preparatory school. Its graduates are admitted to the University of Wisconsin without examination. Courses of study are indicated in the table on the following page. They all prepare students for admission to the Freshman class of the College. Other combinations of studies than those indicated may be arranged, conforming in all cases to the college entrance requirements.

The studies indicated in the table are all pursued throughout the year except when two subjects are mentioned together. In this case the subject first mentioned is studied during the first semester and the second subject during the second semester. Classes in all studies meet five times a week except when otherwise specified, as in the case of English. It will be seen that the four years' work in English as arranged makes up the two full units of English required for admission to the Freshman class; but it should be noted that much more and better written work is done thus in four years than if the two units were covered in two years.

Each student in the Academy is required every year to attend an exercise in reading and practice drill in elocution twice a week in one semester. Each student is required during the fourth year to furnish one written essay, involving considerable research, aside from class work in English, or work done for a Lyceum exercise, and in addition to any work done for presentation at the graduation exercises of the Academy.

Courses of Study in the Academy

Years	Latin and Greek	Latin and Modern Language	Latin and History	Language and Science (a)	Language and Science (b)*
I	First Year Latin Algebra Physical Geography-Geology or Botany First Year English 3	First Year Latin Algebra Physical Geography-Geology or Botany First Year English 3	First Year Latin Algebra Physical Geography-Geology First Year English 3	First Year Latin Algebra Physical Geography-Geology First Year English 3	First Year Latin Algebra Physical Geography-Geology First Year English 3
II	Second Year Latin Geometry Ancient History Second Year English 2	Second Year Latin Geometry Ancient History Second Year English 2	Second Year Latin Ancient History Physiology-Botany Second Year English 2	Second Year Latin Physiology-Botany Ancient History Second Year English 2	Second Year Latin Physiology-Botany Ancient History Second Year English 2
III	Cicero Physics Greek Third Year English 3	Cicero Physics German or French Third Year English 3	Cicero Medieval and Modern History Geometry Third Year English 3	German or French Geometry Medieval and Modern History Third Year English 3	German or French Geometry Chemistry Third Year English 3
IV	Virgil American History Greek Fourth Year English 2	Virgil American History German or French Fourth Year English 2	Virgil American History Physics Fourth Year English 2	German or French Physics American History Fourth Year English 2	German or French Physics American History Fourth Year English 2

*Other combinations of language with science may be arranged, not less than two years of one language being pursued.

STUDIES IN THE ACADEMY

English

FIRST YEAR ENGLISH—Class room study of Irving's *Sketch Book* (selections), Lowell's *The Vision of Sir Launfal*, Coleridge's *Ancient Mariner*, and Scott's *Ivanhoe*, or equivalents. Cooper's *Last of the Mohicans*, or its equivalent, for the outside reading. Oral and written composition work. Text-book in composition, Brooks and Hubbard's *Composition-Rhetoric. Three hours a week.*

ENGLISH GRAMMAR—A course in English Grammar is given in the first year for those who desire or need the work, but Academy credit is not given for the subject. Text-book, Lewis' *Applied English Grammar. Five hours a week in the first semester.*

SECOND YEAR ENGLISH—Class room study of Shakespeare's *Merchant of Venice*, George Eliot's *Silas Marner*, and selections from Tennyson's *Idylls of the King*, or equivalents. Stevenson's *Treasure Island*, and Dickens' *Tale of Two Cities*, or equivalents, for outside reading. Oral and written composition work. Text-book in composition, Herrick and Damon's *Composition and Rhetoric. Two hours a week.*

THIRD YEAR ENGLISH—A chronological study of English writers. Text-book, Moody and Lovett's *History of English Literature*, with additional texts for reading. A study of description, narration, exposition and argumentation, with practice in writing under these various forms. Text-book in composition, Herrick and Damon's *Composition and Rhetoric. Three hours a week.*

FOURTH YEAR ENGLISH—Study of English authors commenced in the previous year continued during the first semester. Study of principal American authors during the second semester. Short fortnightly themes throughout the year. Longer themes may be required at intervals. *Two hours a week.*

History and Civics

ANCIENT HISTORY, INCLUDING ORIENTAL, GREEK AND ROMAN—Text-book, West's *Ancient World*, with references to Myers', Morey's, and Botsford's histories. *Throughout the year.*

MEDIEVAL AND MODERN HISTORY—Myer's *Medieval and Modern History. Throughout the year.*

HISTORY OF THE UNITED STATES—Text-book, Hart's *Essentials in American History*, with references to the other standard authors on the subject. *Throughout the year.*

Mathematics

ALGEBRA—Slaught and Lennes' *High School Algebra.* Elementary operations including Factoring, finding Common Divisors and Multiples, reduction of Fractions, and the solving of Simple Equations involving one or more unknown quantities; Involution, Evolution, Radicals, Quadratic Equations. *Throughout the year.*

GEOMETRY: PLANE—Wells' *New Plane and Solid Geometry.* Elementary principles and their application to original theorems and problems; SOLID—A study of points, lines, and planes in space, polyhedrons, cylinders, cones, and spheres, with original exercises. *Throughout the year.*

ARITHMETIC—Classes are sometimes formed for students not sufficiently prepared in arithmetic. Cook and Cropsey's *New Advanced Arithmetic.* Percentage and its applications to Profit and Loss, Commission, Interest, Discount, Insurance, Taxes, Stocks, and Exchange; Ratio and Proportion; and Involution and Evolution.

Science

PHYSICS—Text-books: Millikan and Gale's *A First Course in Physics*, and Millikan and Gale's *A Laboratory Course in Physics.* Two double periods are spent each week in laboratory work. *Full study throughout the year.*

CHEMISTRY—Text-book, Hessler and Smith's *Essentials of Chemistry. Recitations and laboratory work throughout the year.*

PHYSICAL GEOGRAPHY—General course. *First semester.*

ELEMENTARY GEOLOGY—General course. *Second semester.*

ELEMENTARY PHYSIOLOGY—Colton's Physiology. *First semester.*

ELEMENTARY BOTANY—Gray's *School and Field Botany. Second semester.*

Latin

FIRST YEAR LATIN—Special attention is given to inflection, vocabulary, pronunciation, and translations into idiomatic English. Frequent reviews and written exercises are given. *Throughout the year.*

SECOND YEAR LATIN—Four books of Caesar or any equivalent amount from various Latin writers. In 1909-10, Arrowsmith and Whicher's *First Latin Readings* was used. Prose Composition one hour a week. *Throughout the year.*

CICERO'S ORATIONS—Four Orations against Catiline. Three other orations, including *De Imperio Pompeii.* Prose Composition one hour a week. *Throughout the year.*

VIRGIL—Six books of the *Aeneid.* Attention is given to the reading of the Latin, carefully prepared translations of review lessons, mythology, figures of speech, etc. *Throughout the year.*

Greek

FIRST YEAR GREEK—A study of the elements of the language. Xenophon's *Anabasis* with Greek Prose Composition. *Throughout the year.*

SECOND YEAR GREEK—Xenophon's *Anabasis*, Books II.-IV., with Greek Prose Composition, Homer's *Odyssey*, Books I.-IV. or Books I.-III. *Throughout the year.*

German

ELEMENTARY GERMAN—Corresponding to the elementary courses outlined in the Report of the Committee of Twelve. Grammar and reading of easy modern narrative prose and one or two short plays, and a few poems committed to memory. Practice throughout the two years in speaking and writing German. Students

should at the end of this time be able to pronounce and translate at sight simple German prose, and to carry on a simple conversation based upon the texts given for translation. *Five hours a week throughout two years.*

French

ACADEMY FRENCH—Students pursuing French in the Academy will take two years' work with the College classes. See under "Department of Instruction."

DEPARTMENT OF ELOCUTION

PHYSICAL CULTURE AND DRAMATIC ART

Courses of study in expression are of the greatest value to any student, no matter what the purpose of his study may be, because they contribute to his personal efficiency in several ways, primarily through the most important means of power, the expression of thought by the body and the voice. They also afford an excellent training of the mind, especially through the practice of the laws that govern the effective persuasion of others. There is, moreover, no branch of study that contributes more to the development of a strong personality. The Greeks were aware of the value of oratory and regarded it as the most important part of one's training. Practice in expression ought to be continued through the entire preparatory and college education.

Elocution

In the COLLEGE—College students are required to attend a class in Vocal Culture and Expression two hours a week for one year. This should preferably be taken during the Freshman year and should certainly be finished by the end of the Sophomore year.

In addition to this work, for the benefit of those who shall have finished this required course and those who have already had one year of such work, a more advanced course in Oratory and Interpretation will now be offered, continuing three hours a week throughout the entire year. It is hoped that all who are prepared to do so will avail themselves of this opportunity.

REQUIRED COURSE—Vocal Culture. Two hours a week. Text-book, Cumnock's *Choice Readings*. 1st semester: 1) Phonation; a. Enunciation, b. Articulation, c. Pronunciation. 2) Voice Building. 3) Fundamental Principles of Expression. 4) Analysis.

5) Interpretation. 2nd semester: 1) Phonation. 2) Voice Building. 3) Tone Placing. 4) Interpretative Reading.

ELECTIVE COURSE—Oratory and Interpretative Reading. Three hours a week. Open to students who have completed the course in Vocal Culture. Text-books: Cumnock's *Choice Readings*, Longfellow's and Tennyson's Poems 1st semester: 1) Oratory. 2) Common Reading. 3) Interpretative Reading. 4) Expressive Reading. 5) Recitals. 2nd semester: 1) Expressive Reading. 2) Oratory. 3) Bible and Hymn Reading. 4) Shakespearian Play. 5) Recitals.

Special classes or private lessons may be arranged to meet the needs of individual students.

In the ACADEMY—All the pupils in the Academy of Milton College are required to attend a regular exercise in reading and practice drill. This is continued twice a week through one semester.

Two-hours course for one semester. Text-book, Bogarte's *Manual of Elocution*. Subjects pursued: 1) Common Reading: a. Colloquial, b. Narrative, c. Descriptive. 2) Poems by Longfellow and Tennyson. Dickens. 3) Delivery of paragraphs and poems.

Dramatic Art

At present there is no regular course for the study of dramatic art in Milton College. But at different times the literary societies present short plays upon which they are often coached by the instructor in Elocution. There is usually presented at Commencement a play by Shakespeare. Thus there is given to those interested and proficient in this study ample chance for development.

Credit for Elocution

No credit is given toward college entrance for the work done in this department in the Academy. We merely require attend-

ance upon this class in all the years of the preparatory work as a prerequisite for graduation from the Academy.

In College one-half credit is given for this work. That is, the required two-hour course throughout the year is given two semester-hours' credit and the elective three-hour course throughout the year is given three semester-hours' credit.

Fees

Students in the institution taking regular courses pay for the work in this department the usual proportionate tuition based on the number of hours taken. Those not in the College and who take either of the courses pay for the two-hour course the sum of four dollars per semester and for the three-hour course five dollars per semester.

Fees for the regular courses and the fee for physical culture are paid through the college office.

For private instruction fees are payable directly to the Instructor. These are as follows: For a regular course of instruction, two half-hour lessons a week, $7.50 per half-semester of nine weeks. For individual lessons fifty cents per half-hour.

Physical Culture

For the purpose of instruction in Physical Culture the Institution has a well-arranged and well-equipped gymnasium. Here students have opportunities for basket-ball games and for work on many of the pieces of apparatus found in larger gymnasiums. Classes are held in which instruction in the use of dumb-bells, Indian clubs, setting-up exercises, and apparatus work is given. These classes are open to both Academy and College students.

Through the kindness of the State of Wisconsin, the College is provided with a full equipment of rifles, and whenever there is a demand for it a military company is formed.

A course in Physical Culture for women is usually given, two hours a week in one semester. A small fee is charged for those who join the class. Students furnish their own shoes and gymnasium suits.

SCHOOL OF MUSIC

The principal courses in music are the following: Voice Culture, Harmony, Pianoforte, Violin, Viola, and Violoncello.

Two years' study of Harmony, one year of the Theory of Music, and the course in the History of Music are required in the Pianoforte, Voice Culture, and stringed instrument courses; and at least the first two grades of one of the instrumental courses is a prerequisite of the completion of the Harmony and the Voice Culture courses.

Pupils having completed any of the above courses and having also completed a full course in the Academy, or its equivalent, are entitled to a certificate of graduation in such course.

Pianoforte Courses

MISS ALBERTA CRANDALL

The instruction in pianoforte playing is in five grades extending over a period of five or more years on a basis of two lessons per week.

A correct hand position and a flexible wrist are insisted on from the first as requisites for proficiency. Exercises from Mason's *Touch and Technic*, Stasny's *Finger Training*, and other aids, are used for the acquirements of correct finger, hand, and arm touches.

The technical exercises used include studies from Czerny, Heller, Cramer, Kullak's *Octaves, Books I. and II.*, Krause's *Trill and Other Studies*, Sonatinas from Kuhlau or Clementi, and Bach's *Two and Three Part Inventions.*

Pieces suited to the different grades are used, including selections from Schumann, Mendelssohn, Mozart, Raff, Beethoven, Schubert, Chopin, and others.

A course in Musical Kindergarten extending over a period of a year is recommended for beginners of from five to twelve years

of age. The advantage of such a course is that the subject-matter is presented in such a simple and interesting way, by means of songs, stories, and games, that the children are thoroughly interested and make much more rapid progress than when taught by the old method.

The following subjects are included in the course: Notation, or Sight-reading, Ear-training, Memorizing, Metre, Rhythm and Time or Movement, a knowledge of the key-board, a familiarity with musical signs and terms, the building of scales, major, minor, and chromatic, Degrees, Intervals, Triads and Chords, Technic and Musical History.

The Sweet-Whitney *Music Method* is the method used, and it is taught in classes of three.

Voice Culture

MISS CORA L. ANDERSON

This course comprises the development of the voice principally according to the New American School of Vocal Arts, founded by Anna Goff-Bryant. The vocal instrument consists of not only the mouth, larynx, lungs, etc., but practically of the entire body; therefore a system of physical exercises is used for the strengthening and building up of the entire vocal instrument.

In this school of Voice Culture, three widely different methods, or arts, are employed in the training, developing, and perfecting of the voice. These methods are of equal importance and are all equally necessary. They are classified as the Lyric, Sympathetic, and Dramatic tone and technic work, with their corresponding methods and arts.

Each method is for the special purpose of bringing out and developing the different inherent qualities of the voice, such as range, volume, flexibility, pitch, resonance, color, timbre, and for the interpretation of the Lyric, Sympathetic or emotional, and Dramatic styles and forms of vocal music.

Careful attention is given to the art of relaxation, breathing, utterance, physical expression, tone attack, enunciation, pronunciation, etc.

Elementary Vocal Music

MISS CORA L. ANDERSON

The rudiments of music, notation, solmization, sight-reading, and elementary and chorus singing are included in this course. It is preparatory to the Voice Culture course and is a desirable adjunct to all the other courses. The time required for its completion is usually two years for persons of ordinary talent.

Stringed Instrument Courses

MRS. ELLEN CRANDALL PLACE

The practical studies in the violin course include technical exercises, major and minor scales in all positions; studies by Tours, Kayser, Kreutzer, and Rode; pieces and concertos by classical and modern composers.

In the case also of the Viola and Violoncello, special attention is given to technical studies and the standard literature for each instrument.

Other Instruments

Arrangements may be made for lessons on the flute, cornet, mandolin, and other instruments.

Harmony

This course embraces the study of Harmony, Single and Double Counterpoint, Choral Preludes, Free and Strict Imitation, Canon, Fugue, Musical Form, and practical work in Composition. Chadwick's *Manual of Harmony* and Treatises on *Counterpoint and Fugue*, are the text-books used.

For a pupil of ordinary ability the time required to complete

MILTON COLLEGE BASKETBALL TEAM 1910--1911

this course is about five years on a basis of two lessons per week and of three to four hours of daily study.

Theory of Music

The course in the Theory of Music embraces the fundamental principles of music and explains the laws of Acoustics, Musical Rhythms, Abbreviation and Signs, Embellishments, and Musical Form. The student is required to analyze Song-forms, Sonatas, Vocal, and Contrapuntal Forms. The course may be completed in one year and a small fee is charged per quarter.

History of Music

The course in the History of Music covers the ground of development from the earliest known beginning of music to the music of today, and includes the beginning and development of Notations, Polyphony, Oratorio and Opera, as well as the invention and improvement of instruments. Brief biographies of the important composers of the different periods are included in the course. The course is taught in classes, and is free to all students of the School of Music.

Sight Playing and Ensemble Classes

To aid students in the instrumental courses, classes in sight playing and for ensemble work are organized for practice in the playing of duos, trios, and work for the pianoforte and stringed instruments; also recitals are given from time to time as an essential means of training for students in these courses.

These adjuncts to musical training are free, and all students in instrumental courses are required to attend them. Those who are prepared to take allotted parts in the orchestra may receive the benefit of the weekly practice of the college orchestra.

The chapel choir, college chorus, and glee club are under the direction of Prof. A. E. Whitford.

Tuition

The tuition is estimated as per half-semester, or quarter, of nine weeks.

Pianoforte, two lessons a week	$14.00
The same, one lesson a week	7.50
Kindergarten, two lessons a week, in classes	4.50
Stringed Instruments, two lessons a week	14.00
The same, one lesson a week	7.50
Voice Culture, two half-hour lessons a week	13.50
The same, one half-hour lesson a week	9.00
Elementary Vocal Music in classes	$1.00 to 2.00
Theory of Music	1.00
Harmony	7.50

Tuition is to be settled in advance at the beginning of each quarter. No reduction will be made to pupils who miss their lessons, except in the case of prolonged absence on account of sickness or other unavoidable circumstances.

MISCELLANEOUS INFORMATION

GENERAL EXPENSES

Degrees and Diplomas

Students who are graduated from the College receive the degree of Bachelor of Arts. The second or Master's degree is conferred upon graduates that have satisfactorily pursued literary, scientific, or professional studies for three years after graduation. The charge for a diploma certifying a degree is $5.00.

Fees per Semester

Tuition in College classes	$16.00
Tuition in Academy classes	12.00
Incidental Fee charged all students	4.00
Fee for supervision of a study pursued ouside of a class	$1 to 5.00
Fee for special examination	1.00
Laboratory Fee in Biology, Geology, Chemistry, and Physics, each	3.00
Fee for Physical Culture	.50

The rate of tuition of college students is increased one dollar per semester for each hour per week above sixteen (16) hours, and diminished one dollar per semester for each hour less than fifteen (15) hours.

The rate of tuition of academy students is increased one dollar per semester for each hour per week above eighteen (18) hours, and diminished one dollar per semester for each hour less than fifteen (15) hours.

Rooms and Board

Rooms for women are furnished in Goodrich Hall with stoves, bedsteads, tables, and chairs. Beds and bedding with other fur-

niture must be supplied by students. The charge to each student is $8.00 per semester.

Students who wish to board themselves may hire convenient rooms in private houses at about the same rate. Rooms and board may be obtained in private families at from $3.00 to $4.00 a week. Table board in club or private family varies from $2.00 to $3.00 a week.

Estimated Expense per Year

Tuition and Incidentals	$30.00 to	$50.00
Board at $1.75 to $2.75 per week	60.00 to	99.00
Rooms at $6.00 to $8.00 per semester	12.00 to	16.00
Fuel and Lights	10.00 to	15.00
Laundry	10.00 to	15.00
Text-books	10.00 to	20.00
	$132.00 to	$215.00

The ordinary expenses for a year of thirty-six weeks to a student who boards himself are about $125, to one who boards in a club, about $150; and to one who boards in a private family, about $200. By close economy the entire expense of a student for a school year may be reduced to $175.

Opportunities for Self Support

Industrious students, both men and women, can generally find opportunities in the village and vicinity, during semesters and vacations, to earn sufficient funds to meet in part their expenses. A large number aid themselves in this way every year. The most of the graduates of the College have been students of limited means who earned their way by manual labor, by teaching in the public schools, or by engaging in other occupations.

Milton College offers a free scholarship for one year to the graduate having the highest honors in his class in each High School in the state of Wisconsin that requires a four years'

FREE SCHOLARSHIPS

course of study. A free scholarship for one year is also offered to the graduate having the highest honors in his class in such other High Schools in neighboring states as its Board of Trustees may specially designate.

Free scholarships for one year are also offered to the graduate of the Academy of Milton College, and to the students belonging to the Freshman, Sophomore, and Junior classes, each of whom shall have completed the year with the highest honors. Such scholarships are now held by Anna Mary Gurley, graduate with the highest honors of the Academy of Milton College, class of 1910; Gladys Loulu Greene, honor student of the Freshman class of 1910; Clair Lafayette Stillman, honor student of the Sophomore class of 1910; and Mabel Maxson, honor student of the Junior class of 1910.

A plan has also been put into operation of granting a full free scholarship to that church, society, or individual that shall give one thousand dollars to Milton College as a permanent endowment fund, the interest of which is to be used for the payment of the tuition of the student whom such church, society, or individual may nominate. Students are now the beneficiaries of such scholarships, designated as follows:

The Woman's Board of the Seventh-Day Baptist General Conference.

The Benevolent Society of the Milton Seventh-Day Baptist Church.

The Ezra Crandall Scholarship.

Salem College, Salem, West Virginia.

Class of 1907, Milton College.

The Rev. Oscar Babcock Scholarship.

The Rev. Edwin Shaw Scholarship.

All scholarships include free tuition and incidentals, but not laboratory fees, board, room, or other expenses.

BUILDINGS

Milton College has five buildings devoted to various purposes. The Main Building contains the offices, the chapel, and many recitation and lecture rooms. The Whitford Memorial Hall contains the Library and the lecture rooms and laboratories for physics, chemistry, and biology. In this building also are the rooms for the gentlemen's literary societies. The other buildings are Goodrich Hall, the ladies' dormitory, containing a room for a ladies' literary society; the old Gymnasium, situated opposite the buildings mentioned; and the President's Home, on an eminence in the rear of the Main Buildings. The campus fronts on College Street in the village of Milton. The new auditorium-gymnasium will be finished and dedicated in June.

EQUIPMENT

The Library

The College Library consists of what were originally the Daniel Babcock Library, the Orophilian Library, the Iduna Library and the Philomathean Library. These Libraries have been consolidated and are under the general management of the College Librarian, appointed annually by the Board of Trustees.

The Library now contains 9,599 books and 388 pamphlets which have been classified and provided with a dictionary card catalogue. There are also several hundred other pamphlets and volumes of unbound magazines. During the year 1906-7 the new library rooms in the north half of the first story of the Whitford Memorial Hall were finished and furnished with book-stacks, tables, chairs, and racks for magazines and newspapers. Any of the books or magazines may be borrowed by students and residents of Milton subject to the usual library regulations. The library is open every college week-day from 8:00 A. M. to 12:30 P. M.,

and from 1:30 P. M. to 4:30 P. M., except during the chapel exercises, that is, from 10:30 to 10:55 A. M.

Apparatus

The Institution is well equipped with apparatus for the student's use in laboratory work in the several courses described under "Departments of Instruction." For the class in surveying, an excellent transit, a compass, a rod and a surveyor's chain are provided. The Chemical Laboratory in the south half of the second story of the Whitford Memorial Hall is well stocked with everything needful for complete work in both General and Analytical Chemistry. The Physical Laboratory is very conveniently located in the south half of the first story. The apparatus of this department has been recently very largely increased, the equipment being now full and complete, not only for the "First Course in Physics," but also for the advanced College classes. The Biological department in the second story over the Library is provided with the best Bausch & Lomb microscopes.

Cabinets

The Cabinets illustrative of Mineralogy, Geology, and Palentology, embrace over four thousand specimens, and exhibit fairly the materials and the formations of the rocks found in the state. There has been presented to the College the W. P. Clarke collection of stone and copper implements, some of which are rare types belonging to the different periods of the Prehistoric Age, found in the immediate vicinity, elsewhere in our country, and in foreign lands. The College has obtained and preserved over eighteen hundred species of plants, which grow principally in this state. There have been gathered specimens of insects, fishes, birds and mammals, typical of the groups of animals to which they belong; and a room with convenient cases has been set apart for their exhibition and use. Special students of the College share in the collection and classification of type forms in the several departments.

ORGANIZATIONS CONNECTED WITH THE COLLEGE

The Literary Societies

These are four in number, the Orphilian Lyceum, the Philomathean Society, the Iduna Lyceum, and the Miltonian Lyceum. The first two are for men and the third and fourth are for women. All of these organizations hold their sessions on Saturday evening during the college year. At the end of each year, during Commencement Week, the societies present public programs. Excellent work has been done by each of these societies during the past year. Every student is urged by the faculty to become a member of some one of these organizations, because exceptional opportunities are offered to those who desire to improve in writing, in public speaking, in debating, and in a knowledge of parliamentary practice.

Christian Associations

The first religious organization of the College was established in 1856 for both men and women and continued so until May, 1907. At that time it was reorganized as a Young Men's Christian Association and a Young Women's Christian Association, both affiliated with the state and national organizations. They are absolutely non-sectarian in their organization and management. They hold three prayer and conference meetings a week during the college year. One of these is held on Friday evening and is open to both men and women. The other two meetings are held on Tuesday evening, one for men and the other for women. The associations usually hold three socials during the year, viz.: one at the beginning of the year, the second near the end of the first semester, and the third just before the spring recess. At these socials music is rendered, papers are read, addresses are presented. An effort is also made to introduce new students to the older ones, and all are invited to join the associations.

The moral and religious influence of these organizations on the student body and on the spirit and life of the institution cannot be overestimated.

The Athletic Association

This organization is composed of all the students in the Institution, and has charge of all the athletic games and contests connected with it. The contests arranged by the Association are subject to the rules governing athletics. Tennis in the autumn and spring, basket-ball in the Gymnasium during the winter, and baseball in the spring, are the principal games. Early in June of each year the Association holds the annual Field Day, at which records are made in the several field events. The officers of the Association for this year are as follows:

President—L. O. Greene; Vice-President—J. N. Daland; Secretary—Alice Johnson; Treasurer—R. C. North.

The Oratorical Association

This organization is composed of the members of the four Literary Societies, Iduna, Miltonian, Philomathean, and Orophilian, and the Faculty of the College. The officers are president, vice-president, secretary, and treasurer, chosen annually, one from each of the societies. These officers together with the president of the College and the Faculty of the English Department constitute an executive committee which has general charge of the business of the Association. Two contests are held each year, a declamatory contest in the autumn for the Academy students and an oratorical contest for the College students shortly before the spring recess. Three valuable prizes of money are given at each contest. The officers of the Association for the present year are:

President—Lela Boss; Vice-President, G. E. Howard; Secretary—P. B. Kelly; Treasurer—Dora Johnson.

The Alumni Association

The Alumni Association of Milton College was organized in 1870, and its membership consists of those persons on whom the Institution has conferred honorary degrees, as well as those former students who have been graduated in all the courses of the College and of the old Academy. To this number should be added six distinguished former students who have been elected honorary members of the Association. This organization holds its annual meeting during Commencement Week and at this time a banquet is held. The officers of the Alumni Association for this year are:

President—Dr. J. G. Maxon, '04; First Vice-President—Mrs. L. O. Greene. '10; Second Vice-President—Rev. J. W. McGowan, '83; Third Vice-President—Mrs. B. H. Welch, '80; Secretary-Treasurer—Principal J. F. Whitford, '03.

Commencement Week, 1911

June 16, Friday, 8 P. M., Sermon before the Christian Associations.

June 17, Saturday, 8 P. M., Joint session of the four Literary Societies.

June 18, Sunday, 8 P. M., Baccalaureate Sermon.

June 19, Monday, 8 P. M., Commencement Exercises of the Academy.

June 20, Tuesday, 2 P. M., Annual Exercises of the School of Music.

June 20, Tuesday, 8 P. M., "The Taming of the Shrew," presented by the four Literary Societies.

June 21, Wednesday, 2:30 P. M., Class Exercises.

June 21, Wednesday, 8 P. M., Annual Concert under the direction of the School of Music.

June 22, Thursday, 10 A. M., Commencement Exercises.

June 22, Thursday, 3:00 P. M., Dedication of the new Auditorium-Gymnasium, followed by meeting of the Alumni Association.

June 22, Thursday, 8-11 P. M., President's Reception.

The New Auditorium-Gymnasium

The new Auditorium-Gymnasium, to be dedicated on Commencement Day, June 22, 1911, is the fruit of the long-cherished hopes of the students and in particular of the enthusiasm engendered two years ago by the generous gift of one thousand dollars from the Class of 1909, which was the nucleus of pledges made at the Commencement exercises in that year, amounting to over eight thousand dollars.

The building is now completed, except for the plumbing, the heating apparatus, and the furnishings. When finished it will cost about eighteen thousand dollars, and it is hoped that soon all the original pledges will be paid and the full cost of the building secured.

The Gymnasium is constructed of reinforced concrete, and is of the "Mission" style of architecture. It is simple, but excellently adapted to its purpose and is one of the most attractive buildings on the campus. It is 136 feet long and 60 feet wide. There are offices in the porch, which is sixteen feet in depth. There is a stage in the rear 30 by 60 feet. The rest of the space is occupied by the main room, 60 by 90 feet, which may be used for athletic or social exercises and also as an auditorium for large assemblies. Under the stage will be placed the baths, lockers, and other conveniences. The floor is of hard maple laid over concrete. The roof is of asbestos cement shingles, laid over stout planks, supported by steel girders spanning the entire width of the building. In the center of the roof is a large cupola affording light and ventilation, in addition to long, narrow windows on each side of the room. The building is to be heated by steam.

CATALOGUE OF STUDENTS

COLLEGE

Senior Class

Elton Robert Cleland	Milton
Ferne Amelia Crosley	Milton
Stella Isabel Crosley	Farina, Ill.
Minnie Almeda Godfrey	Milton
Ivy Green	Mora, Minn.
Clark Wendell Greene	Milton
Leslie Oscar Green	Milton
Alice Gertrude Johnson	North Loup, Neb.
Mabel Maxson	Milton Junction
Harriet Lucinda Oursler	Nortonville, Kans.
Margaret Frances Willard Post	Chicago, Ill.
William Marley Simpson	Jackson Center, Ohio

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Junior Class

Ellsworth Dunham Ayers	Albion
Ada Elizabeth Crandall	Milton
Justin Vars Ernst	Dodge Center, Minn.
Ernest Edmund Hurley	Milton
Miriam Elizabeth Post	Chicago, Ill.
Clair Lafayette Stillman	Nortonville, Kans.

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Sophomore Class

John Norton Daland	Milton
Charles Ellis Dunn	Milton
Guy Earle Eaglesfield	North Loup, Neb.
Alva Edward Garey	Edgerton
Gladys Loulu Greene	Plainfield
Archie Ray Hurley	Welton, Ia.
Elwin Jackson McKean	Dodge Center, Minn.

Mary Helen Paul	Milton Junction.
Flora Eliza Zinn	Farina, Ill.

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Freshman Class

Lela Aurilla Boss	Milton
Linda Avaline Buten	Milton Junction
George Herbert Crandall	Milton
Laura Lavina Godfrey	Milton
Anna Mary Gurley	Milton
George Edmund Howard	Farina, Ill.
Myron Lesley Langworthy	Dodge Center, Minn.
Courtney Burchard Loofbourrow	Milton
Rhue Maxon	Walworth
Floyd Hallard Neff	Milton Junction.
Lester Earle Noble	Albion
Julius Smith Nelson	Milton
Ray Clifton North	Dodge Center, Minn.
Bert George Potter	Edelstein, Ill.
Victor Strong Randolph	Milton
Vida Lowe Thomas	Ely, Minn.
Lawrence Jasper Vollmer	Milton Junction
Archie Irving Wentworth	Edgerton

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Special Students

Marguerite Ingham	Fort Wayne, Ind.
Charles Robert Maxson	Walworth

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ACADEMY

Fourth Year

William Dighton Burdick*	Farina, Ill.
Edith Jean Hadden	Janesville, R. F. D.
Iva May Hurley	Welton, Ia.

Dora Maude Johnson*	North Loup, Neb.
Eva Corinne Jones	Jackson Center, Ohio
Harrison Morton Pierce	Alfred Station, N. Y.
Lois Whitford*	Farina, Ill.
Nellie May Wilcox	Milton
George Thorngate	North Loup, Neb.
Zea Zinn*	Farina, Ill.

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*Students entering the Academy at the beginning of the year and unable to arrange their studies so as to complete the course in one year.

Third Year

Adelaide June Bartholf	Milton
Geneva Elin Bennett	Milton
Zela Mary Bennett	Milton
Odessa Leola Davis	Delmar, Ia.
Ruth Inglis	Milton
George Washington Ives	Milton
Ivaline Maude Kellogg	Battle Creek, Mich.
Paul Bartley Kelly	Nortonville, Kans.
Elizabeth Risk Lamb	Janesville, R. F. D.
Vera Laureana Mack	New Auburn
Margaret Forrester McLay	Janesville, R. F. D.
Mary Elizabeth McLay	Janesville, R. F. D.
Anna Ensign Post	Chicago, Ill.
Everette Raymond Stillman	Walworth

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Second Year

Robert McFarlane Barlass	Janesville, R. F. D.
Stephanie Daland	Milton
Nellie Evangel Hull	Milton
Nels George Sorenson	Dodge Center, Minn.

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First Year

Louise Beard	Fouke, Ark.
Raymond Simcox Brown	Tiburon, Cal.
Mabel Crandall	Milton
Alexander Kenworthy Daland	Milton
Pansy Freeborn	Milton
Thomas Campbell Gaby	Limestone, Tenn.
Tokichi Hori	Hanaoka, Yamaguchi, Japan
Pauline Harrison	Milton
Ernest Ray McCartney	Milton, R. F. D.
Chester Martin Rasmussen	Milton
Jere Ellis Witter	Wausau

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SCHOOL OF MUSIC

Voice Culture

Mina Babcock Bennett	Milton
William Dighton Burdick	Farina, Ill.
Clifton Goldsmith Daland	Milton
Charles Ellis Dunn	Milton
Laura Lavina Godfrey	Milton
Leslie Oscar Greene	Milton
Ernest Edmund Hurley	Milton
Marguerite Ingham	Fort Wayne, Ind.
Paul Bartley Kelly	Nortonville, Kans.
Charles Robert Maxson	Walworth
Lena May Oursler	Nortonville, Kans.
Miriam Elizabeth Post	Chicago, Ill.
Chester Martin Rasmussen	Milton
Archie Irving Wentworth	Edgerton
Belle Whitford	Milton

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Harmony

Laura Lavina Godfrey	Milton
Marguerite Ingham	Fort Wayne, Ind.

Ruth Inglis	Milton
Miriam Elizabeth Post	Chicago, Ill.
Amelia Rittenhouse	Milton
Belle Whitford	Milton
Lois Whitford	Farina, Ill.

Piano

Clyde Ellsworth Arrington	Milton
Mizpah Evangeline Bennett	Milton
Lela Aurilla Boss	Milton
Kenneth Brown	Koshkonong
Beth Marie Davis	Milton
Thelma Davy	Milton
Margaret Dunn	Milton
Rachel Galdys Dunn	Milton
Florence Gifford	Milton
Ruth Gifford	Milton
Laura Lavina Godfrey	Milton
Lois Goodrich	Milton
Georgia Black Greene	Milton
Anna Mary Gurley	Milton
Eva Rose Gurley	Milton
Marion M. Hull	Milton Junction
Marguerite Ingham	Fort Wayne, Ind.
Ruth Inglis	Milton
Cornelia Kelley	Milton
Ivaline Maude Kellogg	Battle Creek, Mich.
Charles Seymour Maxson	Milton
Dorothy Geraldine Maxson	Milton
Gladys Paul	Milton Junction
Anna Ensign Post	Chicago, Ill.
Miriam Elizabeth Post	Chicago, Ill.
Esther Rice	Milton
Phoebe Rice	Milton
Clark Siedhoff	Milton

Margaret Elizabeth Smith	Milton
Jessie Striegl	Milton Junction
Clifford Thomas	Milton
Alice Lucile Vincent	Milton
Agnes Willeta Vincent	Milton
Nellie May Wilcox	Milton
Belle Whitford	Milton
Lois Whitford	Farina, Ill.

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Violin

Arlene Nettie Borden	Milton
Goldie Estelle Davis	Milton
Rex Willet Crandall	Milton
Nellie Evangel Hull	Milton
Rolland Maxson	Milton
Nora Roach	Milton

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College Chorus

Sopranos

Mabel Crandall	Tacy Rood Inglis
Ada Elizabeth Crandall	Dora Maud Johnson
Mrs. W. K. Davis	Lena May Oursler
Laura Lavina Godfrey	Vida Lowe Thomas
Anna Mary Gurley	Belle Whitford
Marguerite Ingham	Leo Coon Whitford

Altos

Geneva Elin Bennett	Iva May Hurley
Zela Mary Bennett	Margaret Forrester McLay
Marie Crandall	Harriet Lucinda Oursler
Georgia Black Greene	Anna Ensign Post
Ivy Green	

Tenors

William Dighton Burdick
Percy Jay Crandall
William K. Davis
Ernest Edmund Hurley
George Washington Ives
Myron Lesley Langworthy
Julius Smith Nelson
Ray Clifton North
Harry Morton Pierce
Welcome Wells

Basses

Ellsworth Dunham Ayers
George Herbert Crandall
Charles Ellis Dunn
Leslie Oscar Greene
David Nelson Inglis
Paul Bartlet Kelly
William Marley Simpson
George Thorngate

Singing Class

Ellsworth Dunham Ayers
Leslie Bennett
Harold Bennett
Lela Aurilla Boss
Mabel Crandall
Marie Crandall
Esther Crandall
George Herbert Crandall
Pansy Freeborn
Edith Jean Hadden
Nellie Evangel Hull
Francis Henry Hurley
Dora Maude Johnson
Elizabeth Risk Lamb
Margaret Forrester McLay
Myron Lesley Langworthy
Ray Clifton North
Vida Lowe Thomas
Anna Ensign Post
George Thorngate
Nellie May Wilcox

SUMMARY OF THE CATALOGUE OF STUDENTS

College

Senior Class	12
Junior Class	6
Sophomore Class	9
Freshman Class	18
Special Students	2
Total	47

Academy

Fourth Year	10
Third Year	14
Second Year	4
First Year	11
Total	39

School of Music

Voice Culture	15
Harmony	7
Piano	36
Violin	6
College Chorus	40
Singing Class	21
Total in School of Music counted once	89
Total in the School of Music not in College or Academy	46
Total in the Institution	132

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CATALOGUE OF

MILTON COLLEGE

1911 - 1912

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CATALOGUE OF

MILTON COLLEGE

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CALENDAR FOR YEAR 1912-'13

1912

Sept. 9-11, Monday-Wednesday, 9 a. m., Registration.
„ 12, Thursday, First semester begins.
Nov. 28-Dec. 1, Thanksgiving Recess.
Dec. 2, Recitations resumed.
" 12, Thursday, 8 p. m., Semi-annual Concert of the School of Music.
" 24-Jan. 6, Christmas Recess.

1913

Jan. 7, Tuesday, Recitations resumed.
" 23, Thursday, Day of Prayer for Colleges.
" 20-24, Registration for second semester.
" 29-31, Wednesday-Friday, Final Examinations.
" 31, Friday, First semester ends.
Feb. 3, Monday, Second semester begins.
Mar. 18, Tuesday, 8 p. m., Oratorical Contest.
" 19-25, Spring Recess.
" 26, Wednesday, Recitations resumed.
June 11-13, Wednesday-Friday, Final Examinations.

COMMENCEMENT WEEK

June 13, Friday, 8 p. m., Sermon before the Christian Association.
" 14, Saturday, 8 p. m., Joint Session of the Literary Societies.
" 15, Sunday, 8 p. m., Baccalaureate Sermon.
" 16, Monday, 8 p. m., Commencement Exercises of the Academy.
" 17, Tuesday, 2 p. m., Annual Exercises of the School of Music.
" 18, Wednesday, 2:30 p. m., Class Exercises.
" 18, Wednesday, 8 p. m., Annual Concert under the direction of the School of Music.
" 19, Thursday, 10 a. m., Commencement Exercises.
" 19, Thursday, 1 p. m., Alumni Luncheon.
" 19, Thursday, 3 p. m., Meeting of the Trustees and Alumni, or of the Alumni Association.
" 19, Thursday, 8-11 p. m., President's Reception.

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Superintendent of Grounds and Buildings

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FACULTY*

The Rev. WILLIAM CLIFTON DALAND, M. A., D. D., President, Professor of History, Philosophy, English and Civics.

B. A., Brooklyn Polytechnic Institute, 1879; Student, Union Theological Seminary, New York City, 1883-'86; M. A., Alfred University 1887; D. D., Milton College, 1896; D. D. Alfred University, 1903; Organist and Teacher of Music, Elizabeth, N. J., and Brooklyn, N. Y., 1874-'86; Pastor, Leonardsville, N. Y., 1886-'91; Pastor, Westerly, R. I., 1891-'96; Pastor, London, England, 1896-1900; Pastor, Leonardsville, N. Y., 1900-'02; President Milton College since 1902. Published The Song of Songs, translated from the Hebrew, with notes, 1st edition, 1887; 2nd edition, 1888.

ALBERT WHITFORD, M. A., Professor Emeritus of Mathematics and Astronomy.

WALTER DAVIS THOMAS, M. A., Professor of Greek Language and Literature, and Assistant in History.

Graduate, Union Academy, Shiloh, N. J., 1873; Teacher Public Schools, 1873-'84; B. A., Milton College, 1884; M. A., Milton College, 1887; Professor, Greek Language and Literature, Milton College, since 1884; Graduate Student, Special work in Greek, Summer Term, University of Chicago, 1897; Student in Greek and History, Summer Sessions of University of Wisconsin, 1901 and 1903.

Mrs. ANNA SOPHIA CRANDALL, M. A., Instructor in German Language and Literature.

B. A., Milton College, 1881; M. A., Milton College, 1885; Instructor, German Language and Literature, Milton College, 1881-'82; Student in

*With the exception of the President, the professors are mentioned in the order of their appointment.

Hebrew Language and Literature at Morgan Park Baptist Theological Seminary, 1882-'86; Studied German in Berlin, Germany, 1899-1900; Instructor, German Language and Literature, Milton College, since 1900.

ALFRED EDWARD WHITFORD, M. A., Professor of Mathematics and Physics.

B. A., Milton College, 1896; M. A., Milton College, 1901; M. A., University of Wisconsin, 1911; Assistant Principal, Waupun High School, Waupun, Wis., 1896-'97; Principal Milton Public School, 1897-'99; B. A., University of Chicago, 1900; Graduate student in Physics, University of Chicago,1900-'01; Professor of Physics and Assistant in Mathematics; Milton College 1901-'10; Assistant in Mathematics, University of Wisconsin, 1910-'11; Professor of Mathematics and Physics, Milton College, since 1911.

ALBERT ROGERS CRANDALL, M. A., Ph. D., Professor of Natural History and Physiology.

B. A., Milton College, 1873; M. A., Milton College, 1876; Ph. D., Milton College, 1885. Entered the Academic Department of Alfred University in 1858. His studies were interrupted by the Civil War. After nearly two years and a half of service in two enlistments, he was mustered out with the rank of First Lieutenant. After studying three years at Milton College and teaching one year as principal of Big Foot Academy, Walworth, Wis., was special student in the Museum of Comparative Zoology at Harvard University during five years, taking special studies in geology, paleontology, and zoology with botanical studies at the Botanical Garden, and also art studies for one year at the Boston Lowell Institute Evening School. During these years the long summer vacations were spent in field studies as a collector for the Museum of Comparative Zoology. These studies were extended over parts of Rhode Island, Massachusetts, and Maine; to the Ottoway region in Canada; to Western New York, and along the Applachian belt from the Catskills to Northern Georgia and Alabama. Appointed Assistant of Prof. N. S. Shaler of Harvard University in the work of the Kentucky Geological Survey, 1873. Instructor in the Department of

Natural History of the Agricultural and Mechanical College of Lexington, Kentucky, 1873-'74. Three years later was appointed Professor. Instructor in the Summer School of Geology organized by Prof. Shaler at Cumberland Gap, Kentucky and Virginia, in 1875. Continued work on the Geological Survey in conjunction with his duties as professor of Natural History until 1893. Professor of Natural History in Alfred University, 1896-1903. Profesor, Natural History, Milton College, since 1903. Formerly fellow of the American Association for the Advancement of Science and of the Geological Society of America. Member of the Advisory Council on Religious Congresses in connection with the World's Columbian Exposition, Chicago, 1893. Among his published works are reports on the Geology and Botany of Eastern Kentucky, Vols. 1, 2, and 4, second series, and Vol. C of later reports, besides many papers and addresses.

Albert Wesley Kelley, Ph. D., M. D., Sc. D., Professor of Chemistry.

B. S., Union College 1876; Ph. D. (in course), Otterbein University, 1892; M. D., College of Medicine and Surgery, 1896; Sc. D., Adrian College, 1906. Professor of Natural Science, Fostoria College, 1879-'86; Professor of Chemistry and Biology, Battle Creek College, 1886-'99; Professor of Chemistry and Biology, Union College, 1899-'1901; Dean and Professor of Chemistry, Adrian College, 1901-'06; Professor of Natural History and Agriculture, Alfred University, 1906-'07; Special Lecturer in Medical Chemistry and Bacteriology, College of Medicine and Surgery, 1893-1907. Professor of Chemistry, Milton College, since 1908.

David Nelson Inglis, M. A., Professor of Romance Languages.

B. A., Milton College, 1905; M. A., University of Wisconsin, 1908; Principal of Graded School, Marquette, Wisconsin, 1905-'07; Student, University of Wisconsin, 1907-'08; Assistant in Romance Languages, University of Wisconsin, 1908-'10. Professor of Romance Languages, Milton College, since 1910.

PAUL ROOD CRANDALL, B. A , Assistant in Mathematics and Physics.

B. A., Milton College, 1910.

MISS MARY MARGARET SWINNEY, B. A., Instructor in Latin and Assistant in English.

B. A., Milton College, 1908; Teacher, Walworth High School, 1908-'10 Instructor in Latin and Assistant in English, Milton College, since 1910.

MISS ELEANOR MAY BROWN, M. S., Ph. B., Instructor in English Literature.

B. S., Milton College, 1892; M. S., Milton College, 1895; Teacher of English and German, Milton College, 1895-'98; Student in University of Chicago, 1898-1900; Student in Summer School , Oxford University, 1900; Teacher of English in High School, Elgin, Illinois, Milwaukee-Downer Seminary, Milwaukee, and Kemper Hall, Kenosha, Wisconsin, 1900-'11; Ph. B., University of Chicago, 1909; Assistant in Correspondence Study Department, University of Chicago, 1909-1912.

MISS EDNA MARTHA WIEGAND, B. A., Instructor in Latin.

B. A. 1911, Lawrence College.

MISS ALBERTA CRANDALL, Instructor in Piano Playing.

Student, Milton College and School of Music, 1893-'98; Certificate Pianoforte Course, 1898; Student and Teacher of Piano, Alfred University, 1898-1901; Special student under Dr. W. S. Matthews of Chicago, 1901; Student, New England Conservatory of Music, Boston, Mass., 1902-'03; Student, New England Conservatory of Music, pupil of Carl Baermann, 1907-'08. Instructor in Piano Playing, Theory, and History of Music, Milton College, since 1903.

MRS. ELLEN CRANDALL PLACE, Instructor, Violin, Viola, and VIOLONCELLO.

Student, Milton College and School of Music, 1893-'98; Student and Teacher of Violin, Alfred University, 1898-'1901; Student, Violin at Bostlemann Conservatory of Music, Corning, N. Y., 1900-'01; Student, Violin Playing and Orchestration, New England Conservatory of Music, Boston, Mass., 1902-'04. Instructor, Violin, Viola, and Violoncello, Milton College, since 1904.

MISS NELLIE BENTLEY, Instructor in Violin Playing.

MISS CORA L. ANDERSON, Instructor in Voice Culture.

MR. WILLIAM F. DONNELLY, Instructor in Physical Culture for Men.

MRS. JANET B. DAY, Instructor in Elocution, and in Physical Culture for Women.

MISS MABEL MAXSON, B. A., Librarian.

Prof. A. E. WHITFORD, M. A., Registrar.

GENERAL INFORMATION

Milton College is situated in the village of Milton, Rock County, Wisconsin, on the Prairie du Chien division of the Chicago, Milwaukee and St. Paul Railway, and at the junction of this division with the Mineral Point branch, which unites at Janesville, with two other lines of that railroad going to Chicago. One mile west of the village, the Prairie du Chien division crosses at Milton Junction the Janesville, Watertown and Fond du Lac line of the Chicago and Northwestern Railway. By these great thoroughfares, direct access is secured several times a day to the principal parts of the Northwest.

The institute was first opened as a Select School in the village of Milton in the year 1844. In the year 1848 it was incorporated as Du Lac Academy, which in 1854 was reorganized under the name of Milton Academy. In April, 1867, by an act of the State Legislature, it was created Milton College, under which name and style it has since been carried on as a College of Liberal Arts, with a preparatory department, now called the Academy of Milton College, and a School of Music.

The moral and religious influences of the community about the institution are unsurpassed The village has always been free from the haunts of idleness and dissipation, and is still one of the safest in these respects where young men and women may attend school. Its inhabitants have had long experience in association with students. and have from the beginning, exercised the most kindly feelings and thoughtfulness in assisting them in their work, and in encouraging them to acquire a thorough and liberal education.

AIMS OF THE INSTITUTION

Milton College has won its favorable reputation and maintained its usefulness by the steady and earnest pursuit of the following ideals:—

1. It has been from the first co-educational, offering all its advantages equally to men and women.

2. Encouragements and opportunities of self-support are always given as far as possible. It is possible for industrious students to earn enough to help them pay a large part of their expenses. Nevertheless it is unwise for a new student to depend upon obtaining work at once. It is desirable that such coming for the first time have sufficient funds to pay his expenses for at least one semester, or one half the college year.

3. While students are admitted at any time, and may choose any studies offered either in the Academy or the College which they are qualified to pursue, they are nevertheless advised to select definite courses of study and pursue the same consistently. They are also advised to enter at the beginning of the College year and continue their studies through one year at least. This is especially urged upon students who have to interrupt their studies in order to earn money for their expenses. It is better to spend a year in earning money and then attend college for a year than to spend a part of each year in study and another part in earning money.

4. From the first, Milton College has aimed to secure thoroughness in all the student's work and sound preparation at every stage of education as a basis for further advancement.

5. The system of discipline enforced has as its aim the following ends: First, to secure excellent proficiency of the student in his classes; second, to aid him in the formation of those habits

of life which will insure success, and to develope those traits of character which will render him self-reliant, courteous, law abiding, and upright. The sentiments of personal honor and goodwill are called into action in securing good order among the students; and appeals are made to one's sense of duty in supporting rightful authority and in maintaining the high character of the institution.

6. While the teachers try by precept and example to inculcate the principles of the Christian religion, no sectarian tenets are taught. Daily chapel exercises are held; regular weekly prayer meetings are sustained by the students themselves, who are encouraged to attend divine services of some church of their choice; any religious truth, not of a denominational character, is explained in the ordinary recitations and in the devotional exercises of the students, when occasion demands such explanation.

GOVERNMENT OF THE STUDENTS

I. Terms of Admission

1. No person is admitted to a class until matriculated as a student and duly registered at the office for the study in question. Days are appointed for this purpose at the beginning of each semester, although students may if necessary, be admitted at other times.

2. Admission to the Freshman class of the College is in accordance with the entrance requirements as stated on pages 20 and 21.

3. Admission to the classes of the Academy is in accordance with the standing of the student, determined either by examination or by credited standings from other schools.

4. Students in the School of Music are subject to the judgment of the instructors as to their qualifications.

5. Students in the School of Music and those pursuing special courses must conform as well as others to the general rules and regulations.

6. Applicants for admission from other institutions must present certificates of dismission in good standing when required to do so.

II. Deportment and Discipline

1. The general oversight of the deportment and studies of the students is assigned to the Faculty, of which the President is the executive officer. An appeal from any decision or arrangement of his , as well as any request for any special or general favor, may be made through him directly to the Faculty.

2. Students matriculating and taking up studies in any courses are regarded as pledging themselves to obey the following Rules and Regulations.

3. The entire management of the libraries, as well as of all arrangements for the Library and Reading Room, belongs to the Librarian, who is annually chosen by the Trustees.

III. General Rules and Regulations

1. All charges for tuition and other fees must be paid in advance. No deduction in these will be made for an absence of less than a half semester. No student will be admited to any class until his fees for the semester have been paid or until satisfactory arrangements have been made with the treasurer for payment at a later time.

2. After a student is admitted and his studies are registered at the office, no change in these will be allowed without the permission of the President.

3. Any student who desires to pursue a study outside of a class and receive credit therefor must first obtain special permision from the Faculty. Such work must be carried on under the supervision of the professor in charge of the department in which the study is pursued. The fee for such supervision is noted in the table of fees under "Miscellaneous Information," and must be paid with the other fees at the office.

4. Regular study and punctual attendance upon all recitations and prescribed exercises are required of all students. All students are expected to attend the daily chapel exercises. Any college student who during any semester is absent from chapel exercises to the number of one in ten of the whole number will be required to take two semester-hours' additional work in his course toward his degree. Any academy student similarly absent will be required to do additional work toward graduation to the amount of one half unit.

5. Professors and instructors may deduct one unit on a scale of one hundred from a student's standing for a semester in any study for each unexcused absence from a class exercise in that study. All applications for excuses for absence from recitations shall be made to the President, in advance if pos-

sible, and such excuses when so obtained shall be filed with the proper instructor. Blanks for this purpose are provided at the office.

6. Students who do not live with parents or guardians and who have occasion to leave the village should obtain permission to do so from the President.

7. All public meetings or social gatherings of the students, including those of the Associations, the Literary Societies, the Class Organizations, the College Orchestra, and the Chorus Classes, are held subject to the approval of the President.

8. Profane and obscene language at all times and gambling in all forms are forbidden.

9. Students convicted of using intoxicating liquors, except by order of a physician, shall forfeit their standing in the Institution.

10. Students are prohibited from using tobacco on the grounds or in the buildings of the Institution.

11. Other special rules and regulations may be made from time to time by the Faculty or Trustees.

IV. Rules Governing Goodrich Hall

1. The Hall will be closed at ten o'clock in the evening.

2. Young ladies who are obliged for any reason to be out in the evening are expected to make an arrangement for their absence with the preceptress and must not remain out later than ten o'clock unless such arrangement is perfectly satisfactory to the preceptress.

3. The young ladies are expected to refrain as far as possible from visiting each other in their rooms during the hours devoted to college recitations. They are asked to discourage visits during these hours.

4. Gentlemen visitors are not allowed at all in the young ladies' rooms, but may be received in the reception room at proper times, subject to any arrangement the preceptress may

see fit to make. This regulation is not intended to apply to parents or guardians nor to parties given subject to the approval of the preceptress.

5. Parties or other entertainments may be given only subject to the approval of the preceptress.

V. Rules Governing Athletics

1. All the affairs of the Athletic Association, including their games, field day, and use of the Gymnasium for their exercises are under the supervision of the Faculty Committee on Athletics, which is appointed by the Trustees and acts in consultation with the President.

2. Students are not allowed to engage in games or sports during the recitation hours except as may be specially arranged by the Faculty.

3. Games or sports are not allowed on the campus, in the gymnasium, or in the village park on either Saturday or Sunday.

4. The gymnasium is open after 3:15 p. m. each school day and is closed not later than 8 p. m.

5. In arranging schedules of games the manager of every team shall consult with the chairman of the Faculty Committee on Athletics.

6. A team may play not more than one regularly scheduled game per week, and as far as possible games away from home should alternate with games at home.

7. Students pursuing regular studies to the amount of ten recitation periods a week in either College or Academy are eligible to represent the Institution in athletic contests, provided they have been registered at the beginning of the semester during which the contests are held; except that no student is allowed to play on any team who has done unsatisfactory work for two consecutive weeks. Further, no student who is pursuing studies in another institution that has an athletic team is allowed to play on a similar team representing Milton College.

VI. Rules Respecting Examinations

1. Besides the final examination held at the close of each semester, frequent written tests are held during the semester; from an average of the student's standings in these examinations as well as from his standings in daily recitations the final standings are determined.

2. No student whose absence from recitations or other exercises in a given study reaches a total of ten per cent of the whole number of class exercises in that study in a given semester will be allowed to take his final examination in that study except by special permission of the Faculty, which permission shall be obtained by petition of the student so absent. In computing such percentage excused as well as unexcused absences shall be counted, and an absence on the first day of a semester or the last day before a recess or the first day after a recess shall be counted as two absences.

3. College seniors whose class standings are above ninety per cent during the second semester may be excused from taking final examinations in June.

4. In order to receive credit for any study a student must reach an average standing of at least seventy on a scale of one hundred. Students whose final standing in any college study is sixty-five per cent or more, but below the passing grade, are conditioned in that study and may at an appointed time within a year take an examination to remove the condition.

5. A student failing without excuse to take a written test in any class will not be allowed to continue in that class until he has complied with his duty, and a student failing to take the final examination in any study will not be allowed to register for a subsequent semester unless by special permission of the Faculty he arranges to take the examination in question.

6. For every special final examination—that is, for every final examination held for the benefit of a single student—a fee of one dollar is charged. See table of Fees.

VII. Arrangements Respecting Graduation

1. A student completing satisfactorily the studies in any one of the courses of the Academy is graduated in that course, and receives a diploma certifying the fact.

2. Students having completed the studies in any one of the courses in Music (Pianoforte, Violin, Viola, Violoncello, Vocal Music, Voice Culture, or Harmony), together with the studies in any one of the courses of the Academy or their equivalents, will be entitled to receive certificates of graduation in such course.

3. Students who are graduated from the College receive the degree of Bachelor of Arts.

ENTRANCE REQUIREMENTS

Every student who enters the Freshman class must offer fifteen (15) entrance units. The term unit means the equivalent of five recitations a week for one year in one branch or closely allied branches of study. These shall be as follows:

Mathematics (Algebra 1, Geometry 1)	2 units
English	3 "
History (Ancient History 1, or Medieval and Modern History 1, or United States History 1, or English History 1, or United States History 1, or English History 1)	1 "
Science (Botany 1, or Botany and Physical Geography 1, or Chemistry 1, or Physics 1, or Physiology or Physical Geography 1, or Zoology 1)	1 "
Language (Latin 4, or Two Languages each 2)	4 "
	11 units

Any four units from the following.

*One Language	1 or 2 units
English	1 or 2 "
History	1, 2 or 3 "
Civics and Economics	1 "
Mathematics	1 "
Science	1, 2 or 3 "
Optional Subjects	1 "

Students who can offer only two units of language, but who have enough other credits to make up the full fifteen (15) units, will be admitted to the Freshman class, provided that they take two years of another language in the Academy of Milton College.

*If one unit only additional is offered, it must not be first-year work in any language.

for which ten (10) semester-hours' credit will be given on their free electives in the College course, except in the case of Greek for which sixteen (16) semester-hours' credit will be given, and in the case of French, pursued in the College, for which twenty (20) semester-hours' credit will be given.

Sixteen semester-hours' credit may be given for Cicero and Virgil pursued by college students fully prepared in language.

The description of the courses under "Studies in the Academy" constitutes a detailed statement of the most of the entrance requirements.

Admission

Students who are graduates of any high school or academy which is on the accredited list of preparatory schools published by the University of Wisconsin will be admitted to the College upon the presentation of a certificate signed by the principal showing the satisfactory completion of the fifteen (15) required units as shown under "Entrance Requirements". Other students desiring to enter the College will furnish certificates of work done in their respective preparatory schools, and may be called upon to submit to entrance examinations in part or in all of the subjects offered for entrance from the school in question. When, as sometimes happens, such students are conditioned in one or more subjects, they are allowed to make up their conditions in the Academy of Milton College.

General Statement

The unit for counting in the College courses is the semester-hour, which is equal to one hour of recitation or lecture per week for one semester. Two hours of laboratory work or two hours of elocution are credited as one semester-hour. Students are expected to take sixteen (16) hours per week in recitations, lectures, and laboratory work, making thirty-two (32) semester-hours per year, and one hundred and twenty-eight (128) for the course. No student will be permitted to receive credit toward graduation of more than eighteen (18) semester-hours in one semester in

regular studies except by permission of the Faculty obtained in advance. Such permission will not be granted in any year to a student whose average standing during the preceding year has not reached ninety per cent.

Required Work

The required work by years is as follows:

Freshman Year

English 3 hours per week	6 s.-h.
Mathematics 3 hours per week	6 s.-h.
Two Languages each 5 hours per w'k	20 s.-h.
	32

Sophomore Year

History 3 hours per week	6 s.-h.
Psychology 3 hours per week	6 s.-h.
Natural Science 5 hours per week	10 s. h.
Elective 5 hours per week	10 s.-h.
	32

Junior Year

Logic and Philosophy 3 hours p'r w'k	6 s.-h.
Elocution 2 hours per week*	2 s.-h.
Elective 12 hours per week	24 s.-h.
	32

Senior Year

Ethics 2 hours per week	4 s.-h.
Elective 14 hours per week	28 s.-h.
	32
Total for the course	128

*Elocution may be taken in the Sophomore year in addition to the other work; this is advised if the student can arrange time for it then.

Of the two languages pursued in the Freshman year one must be a continuation of a language offered for entrance. The student may take his Natural Science in the Freshman year and then defer the second language till the Sophomore year. This is recommended to those taking Science as a major.

Major Study

The studies of the College courses are divided into three groups as follows:

I. Language and Literature.
II. History, Social Science and Philosophy.
III. Natural Science and Mathematics.

At the beginning of the Sophomore year, a candidate for a baccalaureate degree must, with the advice of the President, choose a major subject from one of the above groups and a minor from another department of the same group; provided, however, that a suitable language may be chosen as a minor in connection with any major and that mathematics may be chosen as a major in connection with a minor in either Group I or II. He will be required to do not less than twenty (20) semester-hours in his major subject and not less than ten (10) semester-hours in his minor. Studies to be counted toward work in the major and minor subjects are allowed only according to the judgment of the professor in charge of the work in question. The electives of the Sophomore year should be devoted to the major subject.

Electives for the Sophomore Year

I	II	III
Latin	Economics	Conics and Surveying
Greek	Advanced Civics	Analytics
French	History of Education	Biology
Spanish		Chemistry
German		Physics
Sophomore Composition		
Anglo-Saxon and Middle English		
English Literature		

Electives for the Junior and Senior Years

I	II	III
Latin	History	Conics and Surveying
Greek	Economics	Analytics
French	Advanced Civics	Calculus
Spanish	History of Philosophy	Astronomy
German	History of Education	Biology
Old and Middle High German	Pedagogy	Zoology
Old Saxon		Botany
Gothic		Physiology
Anglo-Saxon		Geology
Middle English, etc		Chemistry
English Literature, etc.		Physics

Degrees

All graduates from Milton College receive the degree of Bachelor of Arts.

Orations

Each student in the Sophomore and Junior year is required to produce an oration. These orations must be finished and handed to the President before the end of the first semester. They must be delivered either in the annual contest of the Oratorical Association of the college, or in one of the preliminary contests, or in some public exercise arranged by the faculty and held on a date earlier than that of the annual contest.

Theses

A thesis on some subject connected with the major study is required of every student for graduation for which four (4) semester-hours' credit is given in the senior year. Theses must be typewritten and furnished for the college library by the Friday before commencement. Diplomas will be withheld from students that fail to comply with this requirement.

Teachers' Certificates

By action of the State Board of Examiners it has been decided that all applications for Life Certificates to teach in the state of Wisconsin are to be considered solely upon their merits. Any graduate desiring to obtain such a certificate must file an application setting forth the studies he has pursued, duly certified by the college from which he is graduated. He may then be required to take an examination in certain subjects. If the application is satisfactory and the examination is duly passed, a certificate will be granted after one year's successful experience in teaching and the maintenance of a good moral character.

DEPARTMENTS OF INSTRUCTION

English

1 Freshman English.

Lectures on English Composition. Exercises in paragraph and theme writing, directed toward the formation of an effective prose style. Text-books: Newcomer's *Elements of Rhetoric* and Lewis' *Specimens of the Forms of Discourse.* Required of all college students in the Freshman year. *Three hours a week throughout the year.*

Note—The work in this course consists of the following parts:

a) Exercises in Newcomer's *Elements of Rhetoric* three times a week, or twice a week supplemented by lectures, according to the needs of the class from time to time.

b) Short themes based on exercises in Lewis's *Specimens of the Forms of Discourse* twice a week.

c) Weekly translations from a foreign language.

d) Longer bi-weekly themes based on the required readings.

e) Required readings: (1) A play of Shakespeare, either *King Henry the Fourth*, *King Henry the Fifth*, *Antony and Cleopatra*, *Twelfth Night*, or *A Winter's Tale*, (2) Winchester's *Principles of Literary Criticism*, (3) Matthew Arnold's *Essays in Criticism.*

2 Sophomore Composition.

Text-Book, Wendell's *English Composition.* Semi-monthly themes. Required reading of modern literature. Elective. *Two hours a week throughout the year.*

3 Old English Prose

Anglo-Saxon Grammar with selections for reading and study, chiefly West Saxon Prose, Ælfred and Ælfric. Text-book; Bright's *Anglo-Saxon Reader* with references to Cook's Sievers' *Old English Grammar.* Required of those in the College who

take English as a major.* *Three hours a week in the first semester.*

4 Old English Poetry.

Anglo-Saxon Poetry, with special study of syntax. The poems in the Anglo-Saxon Chronicle, selections from Cædmon, *The Battle of Maldon*, *The Wanderer*, *The Phœnix*, etc. Text-books as in course 3, with references to March's *Comparative Grammar of the Anglo-Saxon Language*. Open to those who have taken course 3. *Three hours a week in the second semester.*

5 Anglo-Saxon Dialects

A study of the Northumbrian, Mercian, and Kentish dialects, with many of the most ancient remains of heroic poetry. Text-books: Kluge's *Angelsächsisches Lesebuch*, *Sievers' Angelsächsische Grammatik*, and Sweet's Student's Dictionary of Anglo-Saxon, with references to Kluge's *Geschichte der englischen Sprache*. Open to those who have taken courses 3 and 4. *Three hours a week in the first semester.*

6 Beowulf

Study of the Anglo-Saxon text with reference to early Germanic life and customs. Text-book, Wyatt's *Beowulf*, with references to other works. Open to those who have taken courses 3 and 4. *Three hours a week in either semester, as classes may be arranged.*

7 Early Middle English.

A. D. 1066-1300. Homilies, *Later Saxon Chronicle*, and prose selections in the Midland dialect; *The Ormulum*, *Havelok the Dane*, and poetical selections in the Midland dialect; *The Ancren Riwle* and prose selections in the Southern dialect; poetical selec-

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*Courses 3 to 9 have special reference to the history and development of the language. It is recommended that those choosing English as a major, after taking course 3, pursue consistently either courses 7, 8, and 9 in order, or courses 4, 5, and 6 in order, or both together; or the courses in Anglo-Saxon Poetry may well be taken after the course in Middle English. For Old Saxon, students of Anglo-Saxon will see under German courses.

tions in the Southern dialect, Layamon's *Brut*, *The Owl and the Nightingale*, and *King Horn*. The Midland dialect is made the basis of grammatical instruction, and especial attention is given to Danish and Norman influences. Text-book: Emerson's *Middle English Reader*, with supplementary texts. Open to those who have taken course 3. *Three hours a week in the second semester.*

8 Later Middle English.

A. D. 1298-1400. Sir John Mandeville, Wiclif, John of Trevisa, Dan Michel of Northgate (*Ayenbite of Inwyt*), Robert of Gloucester, *Handlyng Synne*, Lawrence Minot, *Cursor Mundi*, Barbour (*The Bruce*), Langland, Gower, and Chaucer, with a closer study of dialects, including the Northern dialect. Text-books as in course 7. Open to those who have taken course 7. *Three hours a week in the first semester.*

9 Transition and Tudor English.

A. D. 1400-1579. Occleve, Lydgate, James I. of Scotland, Ballads, Dunbar, Douglas, Mallory, More, Tyndale, Ascham, Berners, etc., to Spenser. Text-book, Skeat's *Specimens of English Literature*, 1394-1579. Open to those who have taken course 3. *Three hours a week in the second semester.*

10 College Literature.

A general Survey Course, covering the literature from the Norman Conquest to the present time. Text-books: Manly's *English Prose* and Manly's *English Poetry*, with lectures and references to other works. Occasional papers or bi-weekly themes. *Two hours a week throughout the year.*

11 Shakespeare.

The following plays are studied: First Semester: *Love's Labour's Lost*, *Henry V.*, *The Tempest*, *Midsummer Night's Dream*, *Romeo and Juliet*, *The Merchant of Venice*. Second Semester: *As You Like It*, *Twelfth Night*, *Hamlet*, *Coriolanus*, *King Lear*, *Macbeth*, *A Winter's Tale*. Text-book, Either the Arden, the Tudor, or the Temple Edition of the play studied. *Three hours a week throughout the year.*

12 a Browning.

A careful study of the poet's life, followed by the reading and interpretation of the most important of his poetical works. Text-book, The Globe Edition of Browning's works. *Two hours a week in the first semester.*

12 b Tennyson.

The study of Tennyson's development as a poet. Nearly all the poems are read in class. Text-book, The Globe Edition of Tennyson. *Two hours a week in the second semester.*

13 a The Romantic Movement.

A study of the movement in general, followed by particular study of the poetical works of Coleridge, Wordsworth, Byron, Shelley, and Keats. Page's British poets of the Nineteenth Century. *Three hours a week in the first semester.*

13 b The Victorian Era.

A continuation of 13 a. Study of the poetical works of Landor, Browning, Tennyson, Rossetti, Arnold, Morris, and Swinburne. Text-book the same as for 13 a. *Three hours a week in the second semester.*

14 a Ballads.

A study of English and Scotch popular ballads. The various theories of the origin of the popular ballads are considered, especially in relation to the origins of art. Study of folk-lore enters into this course. Text-book, *English and Scottish Popular Ballads*, edited by Sargent and Kittredge, from the collection of F. J. Child. *Two hours a week in the first semester.*

14 b Literary Criticism.

English literary criticism of the nineteenth century. The first half of the work deals with the criticism that arose from the publication of the "Lyrical Ballads," and t he discussion of fantasy and imagination. The second half of the course is concerned with the school of critics of whom Matthew Arnold was the leader. Text-books: *Wordsworth and Coleridge*, *Lyrical Ballads*, edited by Littledale. *Biographia Literaria* by S. T. Coleridge. *Two hours a week in the second semester.*

15 Modern Drama.

A survey of dramatic literature. Lectures, reading, and analysis of plays. *Two hours a week throughout the year.*

Note—Courses 10 to 15 are not all given every year. In 1912-13 courses 11 to 14 inclusive may be expected.

History

1 Medieval History.

Text-book, Adams' *European History*, to p. 303, as a basis of facts. Required readings: Adams' *Civilization During the Middle Ages;* Bryce, *Holy Roman Empire;* Guizot, *History of Civilization* (Knight's edition); Robinson, *Readings in European History*, Vol. I., and other works. Also select pamphlets from the University of Pennsylvania series and Munro and Sellery's Translations. Brief lectures on such topics as are desired. Occasional written papers. Required in the Sophomore year. *Three hours a week in the first semester.*

2 Modern History.

Textbook, Adams' *European History* to completion. Required reading: Fisher, *Reformation;* Schaff, *History of the Christian Church*, Vol. VI.; Green, *History of the English People;* Adams, *Growth of the French Nation;* Schwill, *Political History of Modern Europe.* Lectures as desired. Reading also required on contemporaneous American History. Written papers biweekly. Required in the Sophomore year. *Three hours a week in the second semester.*

3 a American History.

Covering the time of discovery, settlement, colonial development, the French Wars and the Revolutionary struggle. *Three hours a week in the first semester.*

3 b American History.

The formation and development of the nation, beginning with the critical time of 1783 and extending through the time of re-

construction after the Civil War. *Three hours a week in the second semester.*

Political and Economic Science

1 Advanced Civics.

Text-book, Beard's *American Government and Politics* with references to Wilson's *The State*, Bryce's *American Commonwealth*, and other works. *Three hours a week in one semester.*

2 Anglo-American Law.

Lectures on the origin and nature of our law, treating especially of Anglo-Saxon, Roman, and Feudal Law, with a study of texts. *Two hours a week throughout the year.*

3 Economics.

Text-book, Bullock's *Introduction to the Study of Economics*, with references to Mill's *Principles of Political Economy* and other standard works. *Three hours a week in one semester.*

Philosophy

1 Descriptive Psychology.

Lectures. Text-book, Angell's *Psychology*, with references to Ladd, James, and other authors. Required in the Sophomore year. *Three hours a week in the first semester.*

2 Analytical Psychology.

Lectures. Textbook, Witmer's *Analytical Psychology*, with class exercises and experiments. Required in the Sophomore year. *Three hours a week in the second semester.*

3 Logic.

Lectures. Text-book, Creighton's *Introductory Logic*, with references to Mill, Bosanquet, and other authors. Required in the Junior year. *Three hours a week in the first semester.*

4 Introduction to Philosophy.

Lectures. Text-book, Paulsen's *Introduction to Philosophy.* Required in the Junior year. *Three hours a week in the second semester.*

5. Ethics.

Lectures. Text-book, Dewey and Tuft's *Ethics* with reference to bibliography. Required in the Senior year. *Two hours a week throughout the year.*

6 History of Philosophy.

Lectures, with references to Zeiler, Lewes, Cousin, Burt, Windelband, and other authors. Open to those who have taken courses 1-4. *Two hours a week as arranged.*

Education

1 History of Education.

Lectures. Text-book, Cubberley's *Syllabus* with references to bibliography. Required of those who wish to obtain Teachers' State Certificates. *Two hours a week throughout the year.*

2 Pedagogy.

Lectures. Text-book, Lange's *Apperception* with references to bibliography. Practical work in teaching. Required of those who wish to obtain Teachers' State Certificates. *Three hours a week in the second semester.*

Latin

1 Livy or Cicero.

Selections from Livy, Books I. and II., or XXI. and XXII., or else either Cicero *De Senectute* or *De Amicitia*, supplemented by Virgil's Eclogues. Exercises in writing Latin once a week. *Five hours a week in the first semester.*

2 Horace.

Selections from the Odes, Satires, and Epistles. *Five hours a week in the second semester.*

3 Roman Satire.

Selections from Juvenal, Horace, and Persius. *Three hours a week in one semester.*

4 Tacitus.

Germania and Agricola. *Two hours a week in one semester.*

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5 Roman Drama.

Selected Plays of Plautus and Terence. Early Latin Literature. *Three hours a week in one semester.*

6 Epistolary Latin.

Selected Letters of Pliny and Cicero. *Three hours a week in one semester.*

7 Catullus.

Two hours a week in one semester.

8 Study of Roman Antiquities.

Three hours a week in one semester.

9 Easy Translation Course.

Either (a) Quintus Curtius and Sallust, or (b) Cæsar (Book VII. of the Gallic War) and Nepos. Open to all college students. *One hour a week throughout the year.*

10 Advanced Latin Composition.

Open to students who have completed courses 1 and 2. *Two hours a week throughout the year.*

11 Special Courses.

Author to be read and work to be done is arranged from year to year to meet the needs of the time. *Three hours a week in one semester.*

12 Study of Special Subjects.

Arranged from year to year; as Roman Political Institutions, Latin Palæography, Roman Law, Latin Hymns, etc. *Two hours a week in one semester.*

Note.—A Latin Club, formed among the students, holds meetings once a month.

Greek

1 Beginners' Greek.

Those who begin Greek in the College will take the two years of preparatory work in the Academy, for which sixteen(16) sem-

ester-hours' credit will be given. See under "Studies in the Academy."

2 Homer and Lysias.

Homer's *Odyssey*, Books V.-XII., or the Iliad, Books IV.-VI., and selections, in the first semester; Lysias, with grammar and composition, and the *Philippics* of Demosthenes in the second semester. *Five hours a week.*

3 Advanced Greek.

The Alcestis of Euripides, selections from Herodotus and Thucydides, and Jebb's *Primer of Greek Literature*, in the first semester. Plato's *Apology* and *Crito* and Thucydides, in the second semester. *Three hours a week.*

4 Dramatic Poets.

Two plays of Æschylus, Sophocles, or Euripides and the study of meters in the first semester. Plays of Aristophanes with discussion of the Attic Drama and Theatre in the second semester. *Three hours a week.*

5 Poets and Orators.

Greek Lyric Poets in the first semester: Greek Orators in the second semester. *Three hours a week.*

6 Plato.

Selected Dialogues. *Twice a week throughout the year.*

French

1 First Year French.

Work in grammar, reading, conversation, and phonetics, based upon Fraser and Squair's *French Grammar*. Additional texts read during the year. *Five hours a week throughout the year.*

2 Second Year French.

Translation and criticism of standard French authors, following the development of French literature from the seventeenth century through the nineteenth century. Composition one hour a week. *Four hours a week throughout the year.*

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3 Composition and Conversation.

For students who wish to do advance work in composition, conducted wholly in French. *Two hours a week throughout the year.*

4 General Survey.

A brief survey of the whole field of French literature, showing main divisions and placing representative authors. Lectures and Collateral reading. *Three hours a week throughout the year.*

5 Nineteenth Century Drama.

Study and criticism of representative dramatists, such as Hugo, Dumas-Fils, Angier, Scribe, Rostand, and others. Lectures and assigned reading. *Three hours a week in the first semester.*

Spanish

First Year Spanish.

Hill and Ford's Spanish Grammar used in connection with Giese's First Spanish Book. Translation of selections from *Gil Blas. Four hours a week throughout the year.*

Second Year Spanish.

Translation of selections from the *Don Quijote* of Cervantes and from more modern writers. *Two hours a week throughout the year.*

German

0 Beginners' German.

See Academy under "Elementary German."

1 Freshman German.

Modern prose, narrative and dramatic, and a drama by Lessing or Schiller. Review of the Grammar and Syntax. Written and oral exercises. Open to those who offer two entrance units of German. *Five hours a week throughout the year.*

2 Classical and Modern Writers.

Selections from nineteenth century novelists and the dramas, Goethe's Egmont and Schiller's Wallenstein. Written exercises.

For students who have had German 1. *Three hours a week throughout the year.*

3 German Composition and Conversation.

This course is especially intended for those who look forward to teaching. *Two hours a week in the first semester.*

4 Sight Reading.

Rapid translation of literary prose and articles in current magazines and newspapers. *One hour a week throughout the year.*

5 Modern German Dramatists.

Selected Dramas from Grillparzer, Hebbel, Ludwig, Hauptmann and Sudermann, or several dramas of one of these authors, with critical study of his life and works. *Two hours a week in the first semester.*

6 Modern German Novelists.

Readings from Scheffel, Freytag, Keller, Sudermann and Freusson. Representative selections will be read in class and others will be assigned for private reading. *Two hours a week in the second semester.*

7 Faust.

Part I. Read and discussed. *Two hours a week in the first semester.*

8 German Epic, Ballad, and Lyric Poetry.

The course gives a hasty survey of German Poetry from the Middle Ages to the present time, including parts of the Nibelungenlied, Court Epics, and characteristic Minnelieder in Modern German translations, and selections from leading poets of the eighteenth and nineteenth centuries. Reports on assigned reading. *Two hours a week in the second semester.*

9 Special Courses.

Other courses may be arranged, as the critical study of one author, as Goethe, or of one period, as the Romantic period, or a general survey of the History of German Literature.

10 Medieval German.

Courses in Middle High German and Old High German are offered whenever students who are prepared desire to form classes. Wright's Primers are used for elementary study, preparatory to a fuller treatment of the older German dialects in larger German works.

11 Old Saxon.

For the benefit of students specializing in English studies courses are offered in Old Saxon (Old Low German). Text-books: Holthausen's *Altsächsisches Elementarbuch* and Behaghel's *Heliand und Genesis. Two hours a week in one semester, continued in another semester if the whole of the Heliand is read.*

12 Gothic.

For students in Germanic philology courses are offered in the Gothic Gospels of Ulfilas. Text-book, Wright's *Primer of the Gothic Language* for the elementary course.

Courses 3 to 9 are open to those who have had course 2. Course 10 is for advanced German students. Course 11 is for those prepared in German and Anglo-Saxon. Course 12 is for those pursuing advanced linguistic studies.

Note.—A German Club, formed among the students, holds meetings once a month.

Mathematics

1 Algebra.

Rietz and Crathorne's College Algebra. Theory of Exponents. Theory of Quadratic Equations, Graphic Representation, Variation, Progressions, Permutations and Combinations, Binomial Theorem, and Logarithms. Required in the Freshman year. *Three hours a week in the first semester.*

2 Trigonometry.

Rothrock's *Plane and Spherical Trigonometry* with numerous exercises. Required in the Freshman year. *Three hours a week in the first semester.*

3 Analytic Geometry.

Rigg's Analytic Geometry. Cartesian and Polar Co-ordinates, Locus of an Equation, Equation of a Locus, the Straight Line, Standard Equations of the Second Degree, Trigonometric, Exponential and Logarithmic Functions, Graphs in Polar Co-ordinates. Open to those who have had courses 1 and 2. *Three or four hours a week in the first semester.*

4 Analytic Geometry.

Rigg's Analytic Geometry. Continuation of course 3. Parametric Equations of Loci, Tangents and Normals, Derivatives, Conic Sections, the General Equation of the Second Degree, Co-ordinates in space, the Plane and the Line in Space, the Quadric Surfaces. Open to those who have taken course 3. *Three or four hours a week in the second semester.*

5 Differential Calculus.

Granville's Differential and Integral Calculus with numerous exercises. Open to those who have taken courses 3 and 4. *Four hours a week in the first semester.*

6 Integral Calculus.

Granville's Differential and Integral Calculus with numerous exercises. Continuation of course 5. *Four hours a week in the second semester.*

7 Differential Equations.

A short course in Differential Equations with applications to problems of Physics. Open to those who have taken courses 5 and 6. *Three hours a week in the first semester.*

8 Surveying.

Recitations and problems in the measurement of heights, distances, and areas. Field practice with the chain, the compass, the transit and the level. Open to those who have taken course 2. *Two hours a week in the second semester.*

Students who make a major in Mathematics are required to take courses 1-7 inclusive.

Physics

0 Elementary Physics.

Text-books: Millikan and Gale's *A First Course in Physics*, and Millikan and Gale's *A Laboratory Course in Physics*. Open for credit to Freshmen who have not offered Physics for entrance. For description see Physics under Academy.

1 General Physics.

Kimball's College Physics. Lectures and recitations, four hours a week. Laboratory practice, four hours a week. Open to those who have taken Mathematics 1 and 2. *Full study throughout the year.*

2 Advanced Course of Lectures.

Heat and Light. Open to those who have taken course 1. *Three hours a week in the first semester.*

3 Advanced Course of Lectures.

Electricity and Magnetism. Open to those who have taken course 1. *Three hours a week in the second semester.*

Chemistry

1 General Chemistry.

The subjects covered in this course will include a careful study of the occurrence and properties of the elements, together with the laws governing all chemical reactions and stoichiometrical calculations. In the laboratory the reactions are still farther studied, followed by a series of experiments in the systematic analysis of simple compounds. Prerequisite: Physics, course 0. *Two hours each day, five times a week throughout the year.*

2 Analytical Chemistry.

A systematic course in qualitative and quantitative analysis, by both volumetric and gravimetric methods. The analysis is largely that of alloys, ores, and commercial products. Prerequisite: Course 1. *Five times a week throughout the year.*

3 Organic Chemistry.

Laboratory practice, supplemented by lectures and recitations.

It is intended to give the student a general knowledge of the carbon compounds. Special attention is paid to practical application. *Five times a week in the first semester.*

4 Applied Chemistry.

Lectures and laboratory work upon subjects pertaining both to Inorganic and Organic Chemistry, including the analysis of food products: milk, butter, bread, water, soils, fertilizers, etc. *Five times a week in the second semester.*

Biology

1 Biology.

Microscopy, Plant and Animal Biology. Laboratory work and lectures. Open to Freshmen and Sophomores. *Two hours each day. Five times a week throughout the year.*

2 Physiology.

Anatomy, Physiology and Hygiene. Open to Sophomores and Juniors. *Five times a week in the first semester.*

3 Zoology.

Laboratory work. Special studies and a summary thesis. Open to Sophomores and Juniors. *Two hours each day. Three times a week in the second semester.*

4 Botany.

Laboratory work. Special studies and a summary thesis. Open to Sophomores and Juniors. *Two hours each day. Three times a week in the second semester.*

Geology

1 Physiography and Dynamic Geology.

Lectures, review papers and discussions. Open to Juniors. *Five times a week in the first semester.*

2 Paleontology.

Class work. Field Studies, and a Thesis. Open to Juniors. *Five times a week in the second semester.*

Note.—In Biology and Geology there are special courses for those who choose their major in one of these departments. The work will include the senior thesis, a copy of which must be placed in the department library. **Open to Seniors.** *Three times a week throughout the year.*

THE ACADEMY OF MILTON COLLEGE

The Academy of Milton College is primarily a preparatory school. Its graduates are admitted to the University of Wisconsin without examination. Courses of study are indicated in the table on the following page. They all prepare students for admission to the Freshman class of the College. Other combinations of studies than those indicated may be arranged, conforming in all cases to the college entrance requirements.

The studies indicated in the table are all pursued th rough-out the year except when two subjects are mentioned together. In this case the subject first mentioned is studied during the first semester and the second subject during the second semester. Classes in all studies meet five times a week except in the case of English. The four years' work in English as arranged makes up the three full units of English required for admission to the Freshman class; but it should be noted that much more and better written work is done thus in four years than it the three units were covered in three years. Elocution is included in English as follows:—

	Mon.	Tues.	Wed.	Thurs.	Fri.
1st year	English	English	English	Elocution	English
2nd year	English		English	Elocution	English
3rd year	Elocution	English	English	English	English
4th year	Elocution	English		English	English

Each student is required during the fourth year to furnish one written essay, involving considerable research, aside from class work in English, or work done for a Lyceum exercise, and in addition to any work done for presentation at the graduation exercises of the Academy.

COURSES OF STUDY IN THE ACADEMY

Years	Latin and Greek	Latin and Modern Language	Latin and History	Language and Science (a)	Language and Science (b)*
I	First Year Latin Algebra Physical Geography-Geology or Botany First Year English	First Year Latin Algebra Physical Geography-Geology or Botany First Year English	First Year Latin Algebra Physical Geography-Geology First Year English	First Year Latin Algebra Physical Geography-Geology First Year English	First Year Latin Algebra Physical Geography-Geology First Year English
II	Second Year Latin Geometry Ancient History Second Year English	Second Year Latin Geometry Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English
III	Cicero Physics Greek Third Year English	Cicero Physics German or French Third Year English	Cicero Medieval and Modern History Geometry Third Year English	German or French Geometry Medieval and Modern History Third Year English	German or French Geometry Chemistry Third Year English
IV	Virgil American History Greek Fourth Year English	Virgil American History German or French Fourth Year English	Virgil American History Physics Fourth Year English	German or French Physics American History Fourth Year English	German or French Physics American History Fourth Year English

*Other combinations of language with science may be arranged, not less than two years of one language being pursued

STUDIES IN THE ACADEMY

English

First Year English.

First semester, oral and written composition. Text-book: Crandall's *First Year English Book.* Second semester, class room study of *Silas Marner*, *Lady of the Lake*, *The Vision of Sir Launfal*, *The Merchant of Venice* or equivalents, *The Last of the Mohicans*, or its equivalent for outside reading.

Second Year English.

First semester, composition. Text-book: Brooks and Hubbard's *Composition Rhetoric.* Second semester, class room study of *Julius Caesar*, *Ivanhoe*, and selections from *The Idylls of the King*, *A Tale of Two Cities*, or their equivalents for outside reading.

Third Year English.

Chronological study of English writers. Text-book, Moody and Lovett's *History of English Literature.* Special classroom study of the Prologue to the *Canterbury Tales*, Shakespearean drama, Milton's Minor Poems, and Bacon's Essays. A study of exposition and argumentation with practice in writing. Text-book in Composition Gardiner, Kittredge and Arnold's *Composition Rhetoric.*

Fourth Year English.

Study of English Authors continued during the first semester. Study of principal American Authors during second semester. Themes at regular intervals.

Note—For number of times see table of days on page 41.

History and Civics

Ancient History, including Oriental, Greek, and Roman.

Text-book, West's *Ancient World*, with references to Myers', Morey's and Botsford's histories. *Throughout the year.*

Medieval and Modern History.

Myer's *Medieval and Modern History. Throughout the year.*

History of the United States.

Text-book, Woodburn and Moran's *American History and Government*, with references to other text-books and authorities on the subject. *Throughout the year.*

Mathematics

Algebra.

Hawkes, Luby and Touton's *First course in Algebra.* Elementary operations including Factoring, finding Common Divisors and Multiples, reduction of fractions, and known quanities; Involution, Evolution, Radicals, Quadratic Equations. *Throughout the year.*

Geometry: Plane.

Wells' *New Plane and Solid Geometry.* Elementary principles and their application to original theorems and problems; **Solid**—A study of points, lines, and planes in space, polyhedrons, cylinders, cones and spheres, with original exercises. *Throughout the year.*

Arithmetic.

Classes are sometimes formed for students not sufficiently prepared in arithmetic. Cook and Cropsey's *New Advanced Arithmetic.* Percentage and its applications to Profit and Loss. Commission, Interest, Discount, Insurance, Taxes, Stocks, and Exchange; Ratio and Proportion; and Involution and Evolution.

Science

Physics.

Text-books: Millikan and Gale's *A First Course in Physics*, and Millikan and Gale's *A Laboratory Course in Physics.* Two double periods are spent each week in laboratory work. *Full study throughout the year.*

Chemistry.

Text-book, Hessler and Smith's *Essentials of Chemistry. Recitations and Laboratory work throughout the year.*

Physical Geography.

General course. *First semester.*

Elementary Geology.

General course. *Second semester.*

Elementary Physiology.

Walker's Physiology. *First semester.*

Elementary Botany.

Bailey's *Elements of Botany* and Gray's *Manual. Second semester.*

Latin

First Year Latin.

Special attention is given to inflection, vocabulary, pronunciation, and translations into idiomatic English. Frequent reviews and written exercises are given. *Throughout the year*

Second Year Latin.

Four books of Caesar or any equivalent amount from various Latin writers. Prose Composition one hour a week. *Throughout the year.*

Cicero's Orations.

Four Orations against Catiline. Three other orations, including *De Imperio Pompeii.* Prose Composition one hour a week. *Throughout the year.*

Virgil.

Six books of the *Aeneid.* Attention is given to the reading of the Latin, carefully prepared translations of review lessons, mythology, figures of speech, etc. *Throughout the year.*

Greek

First Year Greek.

A study of the elements of the language. Xenophon's *An-*

abasis with Greek Prose Composition. *Throughout the year.*

Second Year Greek.

Xenophon's *Anabasis*, Books II.-IV., with Greek Prose Composition, Homer's *Odyssey*, Books I.-IV., or Books I.-III.

German

Elementary German

Corresponding to the elementary courses outlined in the Report of the Committee of Twelve. Grammar and reading of easy modern narrative prose and one or two short plays and a few poems committed to memory. Practice throughout the two years in speaking and writing German. Students should at the end of this time be able to pronounce and translate at sight simple German prose, and to carry on a simple conversation based upon the texts given for translation. *Five hours a week throughout two years.*

French

Academy French.

Students pursuing French in the Academy will take two years' work with the College classes. See under "Department of Instruction."

ELOCUTION

Courses of study in expression are of the greatest value to any student, no matter what the purpose of his study may be, because they contribute to his personal efficiency in several ways, primarily through the most important means of power, the expression of thought by the body and the voice. They also afford an excellent training of the mind, especially through the practice of the laws that govern the effective persuasion of others. There is, moreover, no branch of study that contributes more to the developement of a strong personality. The Greeks were aware of the value of oratory and regarded it as the most important part of one's training. Practice in expression ought to be continued through the entire preparatory and college education.

Elocution

In the College.

College students are required to attend a class in Vocal Culture and Expression two hours a week for one year. This should preferably be taken during the Freshman year and should certainly be finished by the end of the Sophomore year.

In addition to this work, for the benefit of those who shall have finished this required course and those who have already had one year of such work, a more advanced course in Oratory and Interpretation will now be offered, continuing three hours a week throughout the entire year. It is hoped that all who are prepared to do so will avail themselves of this opportunity.

Required Course.

Vocal Culture. Two hours a week. Text-book, Cumnock's *Choice Readings*. 1st semester: 1) Phonation; a. Enunciation, b. Articulation, c. Pronunciation. 2) Voice Building. 3) Fundamental Principles of Expression. 4) Analysis. 5) Interpretation. 2nd semester: 1) Phonation. 2) Voice Building. 3) Tone Placing. 4) Interpretative Reading.

Elective Course.

Oratory and Interpretative Reading. Three hours a week. Open to students who have completed the course in Vocal Culture. Text-books: Cumnock's *Choice Readings*, Longfellow's and Tennyson's Poems. 1st semester: 1) Oratory. 2) Common Reading. 3) Interpretative Reading. 4) Expressive Reading. 5) Recitals. 2nd semester: 1) Expressive Reading. 2) Oratory. 3) Bible and Hymn Reading. 4) Shakespearean Play. 5) Recitals.

Special classes or private lessons may be arranged to meet the needs of individual students.

In the Academy.

All the pupils in the Academy of Milton College are required to take exercises in Elocution as a part of their work in English. See page 42.

Credit for Elocution

In the Academy the work in Elocution receives credit as part of the course in English.

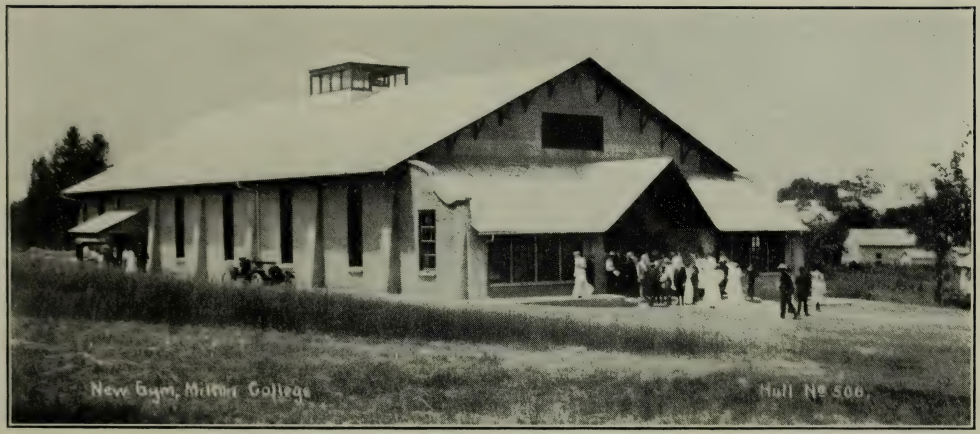
In College one-half credit is given for this work. That is the required two-hour course throughout the year is given two semester-hours' credit and the elective three-hour course throughout the year is given three semester-hours' credit

Fees

Students in the institution taking regular courses pay for the work in this department the usual proportionate tuition based on the number of hours taken. Those not in the College and who take either of the courses pay for the two-hour course the sum of four dollars per semester and for the three-hour course five dollars per semester.

Fees for the regular courses and the fee for physical culture are paid through the college office.

For private instruction fees are payable directly to the Instructor. These are as follows: For a regular course of instruction, two half-hour lessons a week, $7.50 per half-semester of nine weeks. For individual lessons fifty cents per half-hour.



AUDITORIUM-GYMNASIUM

PHYSICAL CULTURE

The authorities at Milton College believe that some proper physical training, by a skilled director under medical supervision, ought to be given to all students at Milton College and that regular physical exercises ought to be required of all students. As a step toward the ideal that we hope to reach, there is now required of all students of the Academy of Milton College and of all students in the College below the senior year, regular physical training based upon a systematic medical examination.

Medical Examination

The reasons for requiring a medical examination are (1) to furnish each student at the beginning of every semester information as to his general physical condition, that he may be guided in caring for his own health and in taking up such exercises as shall develop him in health, strength, and bodily symmetry; (2) to prevent any student from engaging in severe exercise or entering into sports that might injure his health; and (3) to enable the physical director to know just what each student needs for his best physical developement.

It is hoped that all students will perceive the advantage of such an examination and that they will co-operate with the authorities of the college by taking the examination willingly and regularly and by following the suggestions that may be made by the medical examiner and physical director.

Examinations are made of all students at the beginning of each semester and of certain students oftener, if the medical examiner finds need for more frequent examination. At each regular examination the student is furnished with a record of it, and such advice is given the student as the examiner in his judgment thinks best to give. The examination is to discover the condition of the eyes, heart, lungs, and vital organs, and any

special condition of any part that may at all affect the student's work or physical training. This is supplemented by bodily measurements taken by a physical director. The repetition of the examination at the beginning of each semester enables the director, with the advice of the physician, to determine the result of the work already done and better to plan the work for the succeeding semester.

Examiners and Directors

Two competent physicians, a gentlemen and a lady, make the examination at times announced at the opening of college in September. There are employed also a gentleman and a lady to take charge of the physical work of the men and women students.

Gymnasium Classes

The regular class work is held in the gymnasium twice a week in the afternoon at different times for men and women. Individual work is arranged to meet the necessities of the case. Attendance at the regular classes is required of all students in the college and academy except seniors in college, members of the athletic teams, and those specially excused by the medical examiner, for reasons. But any student not forbidden by the medical examiner, and any member of the faculty or music student, may be admitted to the class with the approval of the director, except that no one will be admitted to a class without a previons examination.

Fees

Every student must pay to the the treasurer of the college a fee for each regular examination as follows:— In all cases at the beginning of the first semester, and at the beginning of the second semester in the case of students not already examined, fifty cents. At the beginning of the second semester in the case

of students already examined in the first semester, twenty-five cents. If an examination is required oftener than at the beginning of the semester, it will usually be given without fee.

Every student in the college or academy, irrespective of whether he takes physical training or is excused therefrom is charged a fee for the use of the gymnasium of fifty cents per semester.

These fees, amounting in general to one dollar in the first semester and seventy-five cents in the second semester, are charged to every student and are payable to the college treasurer at the beginning of the semester. Free scholarships do not cover these fees, but they are to be charged to those receiving free tuition as well as to all other students. Members of the faculty and music students or others, if they take physical training must also pay these fees.

Private Work

Any one who may desire private instruction from either physical director may make his own arrangements for such work. But if not a student already examined and enrolled, he must first take the usual examination and pay to the treasurer of the college the proper fees for the examination and for the use of the gymnasium.

SCHOOL OF MUSIC

The principal courses in music are the following: Voice Culture, Harmony, Pianoforte, Violin, Viola, and Violoncello.

Two years' study of Harmony, one year of the Theory of Music, and the course in the History of Music are required in the Pianoforte, Voice Culture, and stringed instrument courses; and at least the first two grades of one of the instrumental courses is a prerequisite of the completion of the Harmony and the Voice Culture courses.

Pupils having completed any of the above courses and having also completed a full course in the Academy, or its equivalent, are entitled to a certificate of graduation in such course.

Pianoforte Courses

MISS ALBERTA CRANDALL

The instruction in pianoforte playing is in five grades extending over a period of five or more years on a basis of two lessons per week.

A correct hand position and a flexible wrist are insisted on from the first as requisites for proficiency. Exercises from Mason's *Touch and Technic*, Stasny's *Finger Training*, and other aids, are used for the acquirements of correct finger, hand, and arm touches.

The technical exercises used include studies from Czerny, Heller, Cramer, Kullak's *Octaves*, *Books I. and II.*, Krause's *Trill and Other Studies*, Sonatinas from Kuhlau or Clementi, and Bach's *Two and Three Part Inventions*.

Pieces suited to the different grades are used, including selections from Schumann, Mendelssohn, Mozart, Raff, Beethoven, Schubert, Chopin, and others.

A course in Musical Kindergarten extending over a period of a year is recommended for beginners of from five to twelve years of age. The advantage of such a course is that the subject-matter is presented in such a simple and interesting way, by means of songs, stories, and games, that the children are thoroughly interested and make much more rapid progress than when taught by the old method.

The following subjects are included in the course: Notation, or Sight-reading, Ear-training, Memorizing, Metre, Rhythm and Time or Movement, a knowledge of the key-board, a familiarity with musicial signs and terms, the building of scales, major, minor, and chromatic, Degrees, Intervals, Triads and Chords, Technic and Musical History.

The Sweet-Whitney *Music Method* is the method used, and it is taught in classes of three.

VOICE CULTURE

MISS CORA L. ANDERSON

This course comprises the developement of the voice principally according to the New American School of Vocal Arts, founded by Anna Goff-Bryant. The vocal instrument consists of not only the mouth, larynx, lungs, etc., but practically of the entire body; therefore a system of physical exercises is used for the strengthening and building up of the entire vocal instrument.

In this school of Voice Culture, three widely different methods or arts, are employed in the training, developing, and perfecting of the voice. These methods are of equal importance and are all equally necessary. They are classified as the Lyric, Sympathetic, and Dramatic tone and technic work, with their corresponding methods and arts.

Each method is for the special purpose of bringing out and developing the different inherent qualities of the voice, such as range, volume, flexibility, pitch, resonance, color, timbre, and for

the interpretation of the lyric, sympathetic or emotional, and dramatic styles and forms of vocal music.

Careful attention is given to the art of relaxation, breathing, utterance, physical expression, tone attack, enunciation, pronunciation, etc.

Elementary Vocal Music

MISS ALBERTA CRANDALL

The rudiments of music, notation, solmization, sight-reading, and elementary and chorus singing are included in this course. It is preparatory to the Voice Culture course and it is a desirable adjunct to all the other courses. The time required for its completion is usually two years for persons of ordinary talent.

Stringed Instrument Courses

MRS. ELLEN CRANDALL PLACE

MISS NELLIE BENTLEY

The practical studies in the violin course include technical exercises, major and minor scales in all positions; studies by Tuors, Kayser, Kreutzer, and Rode; pieces and concertos by classical and modern composers.

In the case also of the Viola and Violoncello, special attention is given to technical studies and the standard literature for each instrument.

Other Instruments

Arrangements may be made for lessons on the flute, cornet, mandolin, and other instruments.

Harmony

This course embraces the study of Harmony, Single and Double Counterpoint, Choral Preludes, Free and Strict Imitation,

Canon, Fuge, Musical Form, and practical work in Composition. Chadwick's *Manual of Harmony* and Treatises on *Counterpoint and Fugue*, are the text-books used.

For a pupil of ordinary ability the time required to complete this course is about five years on a basis of two lessons per week and of three to four hours of daily study.

Theory of Music

The course in the Theory of Music embraces the fundamental principles of music and explains the laws of Acoustics, Musical Rhythms, Abbreviation and Signs, Embellishments, and Musical Form. The student is required to analyze Song-forms, Sonatas, Vocal, and Contrapuntal Forms. The course may be completed in one year and a small fee is charged per quarter.

History of Music

The course in the History of Music covers the ground of development from the earliest known beginning of music to the music of today, and includes the beginning and development of Notations, Polyphony, Oratorio and Opera, as well as the invention and improvement of instruments. Brief biographies of the important composers of the different periods are included in the course. The course is taught in classes, and is free to all students of the School of Music.

Sight Playing and Ensemble Classes

To aid students in the instrumental courses, classes in sight playing and for ensemble work are organized for practice in the playing of duos, trios, and work for the pianoforte and stringed instruments; also recitals are given from time to time as an essential means of training for students in these courses.

These adjuncts to musical training are free, and all students in instrumental courses are required to attend them. Those who are prepared to take allotted parts in the orchestra may receive the benefit of the weekly practice of the college orchestra.

Chorus Practice

The chapel choir, college chorus, and glee club afford an opportunity for students to obtain practice in chorus singing. The "Milton Choral Union" is an organization of musicians for the rehearsal of standard works. For the regular and satisfactory attendance of a member of this society during a season there is given credit of one semester hour in college.

Tuition

The tuition is estimated as per half-semester, or quarter, of nine weeks.

Pipe Organ, one lesson a week	$13.50
Pianoforte, two lessons a week	14.00
The same, one lesson a week	7.50
Kindergarten, two lessons a week, in classes	4.50
Stringed Instruments, two lessons a week	14.00
The same, one lesson a week	7.50
Voice Culture, two half-hour lessons a week	13.50
The same, one half hour lessons a week	9.00
Elementary Vocal Music in classes	$1.00 to 2.00
Theory of Music	1.00
Harmony	7.50

Tuition is to be settled in advance at the beginning of each quarter. No reduction will be made to pupils who miss their lessons, except in the case of prolonged absence on account of sickness or other unavoidable circumstances.

MISCELLANEOUS INFORMATION

GENERAL EXPENSES

Degrees and Diplomas

Students who are graduated from the College receive the degree of Bachelor of Arts. The second or Master's degree is conferred upon graduates that have satisfactorily pursued literary, scientific, or professional studies for three years after graduation. The charge for a diploma certifying a degree is $5.00.

Fees per Semester

Tuition in College classes	$16.00
Tuition in Academy classes	12.00
Incidental Fee charged to all students	4.00
Fee for supervision of a study pursued outside of class, $1 to	5.00
Fee for special examination	1.00
Laboratory Fee in Biology, Chemistry, and College Physics, each	3.00
Gymnasium Fee, per semester, charged to all students	.50
Fee for Physical examination, first semester	.50
The same, second semester	.25

The rate of tuition of college students is increased one dollar per semester for each hour per week above sixteen (16) hours, and diminished one dollar per semester for each hour less than fifteen (15) hours.

The rate of tuition of academy students is increased one dollar per semester for each hour per week above twenty (20) hours, and diminished one dollar per semester for each hour less than fifteen (15) hours.

All fees are payable in advance. Before entering classes at the beginning of a semester, students are required to visit the Treasurer of the College and either settle their accounts or make arrangements for settlement of the same.

Rooms and Board

Rooms for women are furnished in Goodrich Hall with stoves, bedsteads, tables, and chairs. Beds and bedding with other furniture must be supplied by students. The charge to each student is $8.00 per semester.

Students who wish to board themselves may hire convenient rooms in private houses at about the same rate. Rooms and board may be obtained in private families at from $3.00 to $4.00 a week. Table board in club or private family varies from $2.00 to $3.00 a week.

Estimated Expense per Year

Tuition, Incidentals, and Fees	$35.00 to $55.00
Board at $2.00 to $3.00 per week	70.00 to 110.00
Rooms at $6.00 to $8.00 per semester	12.00 to 16.00
Fuel and Lights	13.00 to 19.00
Laundry	10.00 to 15.00
Text-books	10.00 to 20.00
	$150.00 to $235.00

The minimum expenses for a year of thirty-six weeks to a student who boards himself are about $125, to one who boards in a club, about $150; and to one who boards in a private family, about $200.

Opportunities for Self Support

Industrious students, both men and women, can generally find opportunities in the village and vicinity, during semesters

and vacations, to earn sufficient funds to meet in part their expenses. A large number aid themselves in this way every year. The most of the graduates of the College have been students of limited means who earned their way by manual labor, by teaching in the public schools, or by engaging in other occupations.

Milton College offers a free scholarship for one year to the graduate having the highest honors in his class in each High School in the state of Wisconsin that requires a four years' course of study. A free scholarship for one year is also offered to the graduate having the highest honors in his class in such other High Schools in the neighboring states as its Board of Trustees may specially designate.

FREE SCHOLARSHIPS

Free scholarships for one year are also offered to the graduate of the Academy of Milton College, and to the students belonging to the Freshman, Sophomore, and Junior classes, each of whom shall have completed the year with the highest honors. Such scholarships are now held by George Thorngate, graduate with the highest honors of the Academy of Milton College, class of 1911; Vida Lowe Thomas, honor student of the Freshman class of 1911; Gladys Loulu Greene, honor student of the Sophomore class of 1911; and Ade Elizabteh Crandall, honor student of the Junior class of 1911.

A plan has also been put into operation of granting a full free scholarship to that church, society, or individual that shall give one thousand dollars to Milton College as a permanent endowment fund, the interest of which is to be used for the payment of the tuition of the student whom such church, society, or individual may nominate. Students are now the beneficiaries of such scholarships, designated as follows:

The Mary F. Bailey Scholarship.
The Jennie B. Morton Scholarship.
The Ezra Crandall Scholarship.

The Salem College Scholarship.
The Class of 1907 Scholarship.
The Rev. Oscar Babcock Scholarship
The Rev. Edwin Shaw Scholarship.

All scholarships include free tuition and incidentals, but not laboratory fees, board, room, or other expenses.

BUILDINGS

Milton College has five buildings devoted to various purposes. The Main Building contains the offices, the chapel, and many recitation and lecture rooms. The Whitford Memorial Hall contains the Library and the lecture rooms and laboratories for physics, chemistry, and biology. In this building also are the rooms for the gentlemen's literary societies. The other buildings are Goodrich Hall, the ladies' dormitory, containing a room for a ladies' literary society; the Auditorium Gymnasium, situated south of the buildings mentioned; and the President's Home on an eminence further south of buildings. The campus fronts on College Street in the village of Milton.

EQUIPMENT

The Library

The College Library consists of what were originally the Daniel Babcock Library, the Orophilian Library, the Iduna Library and the Philomathean Library. These Libraries have been consolidated and are under the general management of the College Librarian, appointed annually by the Board of Trustees.

The Library now contains 9,785 books and 400 pamphlets which have been classified and provided with a dictionary card catalogue. There are also several hundred other pamphlets and volumes of unbound magazines. During the year 1906-7 the

new library rooms in the north half of the first story of the Whitford Memorial Hall were finished and furnished with bookstacks, tables, chairs and racks for magazines and newspapers. Any of the books or magazines may be borrowed by students and residents of Milton subject to the usual library regulations. The library is open every college week-day from 8:00 A. M. to 12:30 P. M., and from 1:30 P. M. to 4:30 P. M., except during the chapel exercises, that is, from 10:30 to 10:55 A. M.

Apparatus

The Institution is well equipped with apparatus for the student's use in laboratory work in the several courses described under "Departments of Instruction." For the class in surveying, an excellent transit, a compass, a rod and a surveyor's chain are provided. The Chemical Laboratory in the south half of the second story of the Whitford Memorial Hall is well stocked with everything needful for complete work in both General and Analytical Chemistry. The Physical Laboratory is very conveniently located in the south half of the first story. The apparatus of this department has been recently very largely increased, the equipment being now full and complete, not only for the "First Course in Physics," but also for the advanced College classes. The Biological department in the second story over the Library is provided with the best Bausch & Lomb microscopes.

Cabinets

The Cabinets illustrative of Mineralogy, Geology, and Palentology, embrace over four thousand specimens, and exhibit fairly the materials and the formations of the rocks found in the state. There has been presented to the College the W. P. Clarke collection of stone and copper implements, some of which are rare types belonging to the different periods of the Prehistoric Age, found in the immediate vicinity, elsewhere in our country, and in foreign lands. The College has obtained and preserved

over eighteen hundred species of plants, which grow principally in this state. There have been gathered specimens of insects, fishes, birds, and mammals, typical of the groups of animals to which they belong; and a room with convenient cases has been set apart for their exhibition and use. Special students of the College share in the collection and classification of type forms in the several departments.

ORGANIZATIONS CONNECTED WITH THE COLLEGE

The Literary Societies

These are four in number, the Orophilian Lyceum, the Philomathean Society, the Iduna Lyceum, and the Miltonian Lyceum. The first two are for men and the third and fourth are for women. All of these organizations hold their sessions on Saturday evening during the college year. At the end of each year, during Commencement Week, the societies present public programs. Excellent work has been done by each of these societies during the past year. Every student is urged by the faculty to become a member of some one of these organizations, because exceptional opportunities are offered to those who desire to improve in writing, in public speaking, in debating, and in a knowledge of parliamentary practice.

Christian Associations

The first religious organization of the College was established in 1856 for both men and women and continued so until May, 1907. At that time it was reorganized as a Young Men's Christian Association and a Young Women's Christian Association, both affiliated with the state and national organizations. They are absolutely non-sectarian in their organization and management. They hold three prayer and conference meetings a week during the college year. One of these is held on Friday evening and is open to both men and women. The other two meetings

are held on Tuesday evening, one for men and the other for women. The associations usually hold three socials during the year, viz.: one at the beginning of the year, the second near the end of the first semester, and the third just before the spring recess. At these socials music is rendered, papers are read, addresses are presented. An effort is also made to introduce new students to the older ones, and all are invited to join the associations.

The moral and religious influence of these organizations on the student body and on the spirit and life of the institution cannot be overestimated.

The Athletic Association

This organization is composed of all the students in the Institution, and has charge of all the athletic games and contests connected with it. The contests arranged by the Association are subject to the rules governing athletics. Tennis in the autumn and spring, basket-ball in the Gynmasium during the winter, and baseball in the spring, are the principal games. Early in June of each year the Association holds the annual Field Day, at which records are made in the several field events. The officers of the Association for this year are as follows:

President—C. L. Stillman; Vice-President—G. H. Crandall; Secretary—Ada Crandall; Treasurer—W. D. Burdick.

The Oratorical Association

This organization is composed of the members of the four Literary Societies, Iduna, Miltonian, Philomathean, and Orophilian, and the Faculty of the College. The officers are president, vice-president, secretary, and treasurer, chosen annually, one from each of the societies. These officers together with the president of the College and the Faculty of the English De-

partment constitute an executive committee which has general charge of the business of the Association. Two contests are held each year, a declamatory contest in the autumn for the Academy students and an oratorical contest for the College students shortly before the spring recess. Valuable prizes of money are given at each contest. The officers of the Association for the present year are:

President—L. R. Polan; Vice-President—W. D. Burdick; Secretary—Mabel Lewis; Treasurer— Phebe Hewitt.

The Alumni Association

The Alumni Association of Milton College was organized in 1870, and its membership consists of those persons on whom the Institution has conferred honorary degrees, as well as those former students who have been graduated in all the courses of the College and of the old Academy. To this number should be added six distinguished former students who have been elected honorary members of the Association. This organization holds its annual meeting during Commencement Week and at this time a banquet is held. The officers of the Alumni Association for this year are:

President—J. F. Whitford, '03; First Vice-President—A. B. West, Sr., M. A., '10; Second Vice-President—L. O. Greene, '11; Third Vice-President—Miss Mary M. Swinney, '08; Secretary-Treasurer—Prof. D. N. Inglis, '05.

Commencement Week, 1912

June 14, Friday, 8 p. m., Sermon before the Christian Associations.

" 15, Saturday, 8 p. m., Joint Session of the four Literary Societies.

" 16, Sunday, 8 p. m., Baccalaureate Sermon.

" 17, Monday, 8 p. m., Commencement Exercises of the Academy. Address by Prof. James E. Rogers of Carroll College.

" 18, Tuesday, 2 p. m., Annual Exercises of the School of Music.

" 18, Tuesday 8 p. m., Shakespeare's "Midsummer Night's Dream," presented by the Literary Societies.

" 19, Wednesday, 2:30 p. m., Class Exercises.

" 19, Wednesday, 8 p. m., Annual Concert under the direction of the School of Music.

" 20, Thursday, 10 a. m., Commencement Exercises. Address by Dean Edwin H. Lewis, of Lewis Institute.

" 20, Thursday, 1 p. m., Alumni Luncheon, followed by a meeting of the Alumni Association.

" 20, Thursday, 8-11 p. m., President's Reception.

CATALOGUE OF STUDENTS

COLLEGE

Senior Class

Ellsworth Dunham Ayers	Albion
Ada Elizabeth Crandall	Milton
Justin Vars Ernst	Dodge Center, Minn.
Ernest Edgar Hurley	Milton
Sarah Cornelia Kelley	Milton
Mary Helen Paul	Milton Junction
Clair Lafayette Stillman	Nortonville, Kans.

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Junior Class

Cecil Irma Crandall	Milton
John Norton Daland	Milton
Charles Ellis Dunn	Milton
Guy Earle Eaglesfield	North Loup, Neb.
Alva Edward Garey	Edgerton
Gladys Loulu Greene	Plainfield
Courtney Burchard Loofbourrow	Milton
Elwin Jackson McKean	Dodge Center, Minn.
Miriam Elizabeth Post	Chicago, Ill.
Flora Eliza Zinn	Farina, Ill.

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Sophomore Class

Frederick Irving Babcock	Edgerton, R. F. D.
Linda Avaline Buten	Milton Junction
George Herbert Crandall	Milton
Anna Mary Gurley	Milton
Marguerite Ingham	Fort Wayne, Ind.
Myron Lesley Langworthy	Dodge Center, Minn.

Floyd Hallard Neff	Milton Junction
Julius Smith Nelson	Milton
Ray Clifton North	Dodge Center, Minn.
Vida Lowe Thomas	Ely, Minn.
Archie Irving Wentworth	Edgerton
George Albert White	North Loup, Neb.

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Freshman Class

Harold Spencer Bingham	Milton
Ethan Lee Burdick	Milton
Helen Marie Cottrell	Milton Junction
Percy Jay Crandall	Milton
Clifton Goldsmith Daland	Milton
Mabel Lewis	Stone Fort, Ill.
Bess Ogden	Milton Junction
Mary Ann Oursler	Nortonville, Kans.
Harrison Morton Pierce	Alfred Station, N. Y.
Ethel Mildred Saunders	Ashaway, R. I.
George Thorngate	North Loup, Neb.
Cleo Gertrude Van Horn	Milton
Agnes Willetta Vincent	Milton
Mary Cecil Wentworth	Edgerton
Robert William West	Milton Junction
John Lyman Wood	Waterloo

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Special Students

Rachel Ann Coon	Milton
Laura Lavina Godfrey	Milton
Phebe K. Hewitt	Milton
Lester Theodore Hull	Milton
Leta Mae Lanphere	Milton

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ACADEMY

Fourth Year

Adelaide June Bartholf	Milton
William Dighton Burdick	Farina, Ill.
Mary Hazel Crandall*	North Loup, Neb.
Aster Fae Davis	Farina, Ill.
Odessa Leola Davis	Delmar, Ia.
Ruth Inglis	Milton
Paul Bartley Kelly	Nortonville, Kans.
Elizabeth Risk Lamb	Janesville, R. F. D.
Vera Lauredna Mack	New Auburn
Margaret Forrester McLay	Janesville, R. F. D.
Mary Elizabeth McLay	Janesville, R. F. D.
Lester Ray Polan	Jackson Center, Ohio.
Anna Ensign Post	Chicago, Ill.
Arlie Gladys Thorngate*	North Loup, Neb.
Rua Rae Van Horn*	North Loup, Neb.
Lois Whitford	Farina, Ill.

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*Students entering the Academy at the beginning of the year and unable to arrange their studies so as to complete the course in one year.

Third Year

Robert McFarlane Barlass	Janesville, R. F. D.
Hazel Margaret Hull	Milton
Nellie Evangel Hull	Milton
George Washington Ives	Milton
Ricardo M. Kellogg	Battle Creek, Mich.
Earl Dwight Maxon	Walworth
Grace Marie Runner	Larimore, N. Dak.
Nels George Sorenson	Dodge Center, Minn.

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Second Year

Gladys Vera Cartwright	Chippewa Falls
Mabel Crandall	Milton
Victor DeFlorence Freeborn	New Auburn
Ernest Ray McCartney	Milton, R. F. D.
Chester Martin Rasmussen	Milton
Luella Ruth Coon	New Auburn

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First Year

Benjamin Harrison Ford	Garwin, Ia.
James Henry Hadden	Janesville, R. F. D.
Robert Hadden Lamb	Janesville, R. F. D.
Leo Leland Loofboro	New Auburn
Charles Seymour Maxson	Milton
Catherine Jane McLay	Janesville, R. F. D.

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Special Students

Louise Beard	Tyler, Texas
Pansy Freeborn	Milton
Ebenezer G. A. Ammokoo	Gold Coast Colony, West Africa
Clark Hull Siedhoff	Milton

—4

SCHOOL OF MUSIC

Harmony

Rachel Ann Coon	Milton
Hazel Margaret Hull	Milton
Laura Lavina Godfrey	Milton
Ruth Inglis	Milton
Nellie May Wilcox	Milton

—5

Voice Culture

Mina Babcock Bennett	Lima
Ada Elizabeth Crandall	Milton
Percy Jay Crandall	Milton
Charles Ellis Dunn	Milton
Laura Lavina Godfrey	Milton
Phebe K. Hewitt	Milton
Mary Elizabeth McLay	Janesville, R. F. D.
Mary Cecil Wentworth	Edgerton
Belle Whitford	Milton

—9

Piano

Clyde Ellsworth Arrington	Milton
Helen Forrester Barlass	Janesville, R. F. D.
Louise Beard	Tyler, Texas
Beth Bingham	Milton
Phyllis I. Campbell	Milton
Gladys Vera Cartwright	Chippewa Falls
Marion Coon	Milton Junction
Rachel Ann Coon	Milton
Vera Coon	Milton Junction
Ruth Crandall	Milton Junction
Aster Fae Davis	Farina, Ill.
Beth Davis	Milton
Edna Pearl Davis	Farnum, Neb.
Thelma Doris Davy	Milton
Ruth Gifford	Milton
Laura Lavina Godfrey	Milton
Lois Goodrich	Milton
Eva Rose Gurley	Milton
Phebe K. Hewitt	Milton
Almedia M. Hull	Roscoe, Ill.
Hazel Margaret Hull	Milton
Marion M. Hull	Milton Junction

Ruth Inglis	Milton
Charles Seymour Maxson	Milton
Dorothy Geraldine Maxson	Milton
Margaret Forrester McLay	Janesville, R. F. D.
Mary Elizabeth McLay	Janesville, R. F. D.
Bertha McWilliam	Milton
Mary Ann Oursler	Nortonville, Kans.
Anna Ensign Post	Chicago, Ill.
Kenneth Randolph	Milton
Ethel Mildred Saunders	Ashaway, R. I.
Clark Hull Siedhoff	Milton
Clifford Thomas	Milton
Vida Lowe Thomas	Ely, Minn.
Agnes Willetta Vincent	Milton
Alice Lucile Vincent	Milton
Mary Cecil Wentworth	Edgerton
Nellie May Wilcox	Milton
Lois Whitford	Farina, Ill.

-40

Violin

Ruth Bingham	Milton
Arlene Nettie Borden	Milton
Rex Willet Crandall	Milton
Nellie Evangel Hull	Milton
Earl Dwight Maxon	Walworth
Rolland Maxson	Milton
Loraine Summers	Milton
Jessie Striegl	Milton Junction

—8

Violoncello

Phebe K. Hewitt	Milton

—1

Elementary Singing Class

Luella R. Coon	Agnes W. Vincent
Mabel Crandall	Perry Gifford

Marie Crandall
Pansy Freeborn
Catherine J. McLay
Ruth Rasmussen
Gertrude Van Horn
Victor D. Freeborn
Hugh Burdick
Floyd H. Neff
Chester M. Rasmussen

MILTON COLLEGE ORCHESTRA

Alberta Crandall, Director

First Violins
Earl D. Maxon
Rolland Maxson
Arlene Borden
Clifton G. Daland
Viola
Miriam E Post
Bass
M. M. Lanphere
Clarinet
William D. Burdick
First Cornet
L. H. North
Second Cornet
Ray C. North
Second Violins
Margaret Hull
George W. Ives
Goldie E. Davis
Rex W. Crandall
Violoncello
Phebe Hewitt
Flute
W. B. Maxson
Trombone
Gladys V. Cartwright
Piano
Ruth Inglis
Drums
Leo Lanphere

MILTON CHORAL UNION

Alfred E. Whitford, Director

Sopranos

Mrs. J. C. Anderson
Adelaide J. Bartholf
Mrs. Mina B. Bennett
Lela A. Boss
Linda A. Buten
Mrs. Lillian B. Hume
Marguerite Ingham
Mrs. D. N. Inglis
Lizzie Jackson
Margaret Martinson

Mrs. E. E. Campbell
A. Cora Clarke
Rachel A. Coon
Ada E. Crandall
Mabel Crandall
Ruth Crandall
Edna Davis
Mrs. W. J. Davis
Mrs. W. K. Davis
Laura L. Godfrey
Gladys L. Greene
Anna M. Gurley
Mrs. J. R. Hinman
Mary E. McLay
Hannah Nelson
Lena M. Oursler
Mary A. Oursler
Miriam E. Post
Mrs. A. B. Saunders
Hazel Stewart
Vida L. Thomas
Grace Thompson
Rua R. Van Horn
Mrs. Leo C. Whitford
Edna Wiegand

Altos

Mrs J. H. Babcock
Kittie Cole
Mrs. A. R. Crandall
Mrs. Fred Crandall
Bessie Crandall
Cecil I. Crandall
Marie Crandall
Aster F. Davis
Phebe Hewitt
Nellie E. Hull
Mabel Lewis
Margaret F. McLay
Harriet L. Oursler
Mrs. C. E. Perry
Anna J. Plumb
Anna E. Post
Mrs. W. R. Rood
E. Mildred Saunders
Flora E. Zinn

Tenors

Herman D. Ayers
William D. Burdick
Dayton B. Coon
Percy J. Crandall
William K. Davis
Ernest E. Hurley
Myron L. Langworthy
Julius S. Nelson
Ray C. North
Harrison M. Pierce
Chester M. Rasmussen

Basses

Ellsworth D. Ayers
Louis A. Babcock
Eldon Crandall
George H. Crandall
Charles E. Dunn
Guy E. Eaglesfield
B. Harry Ford
Victor D. Freeborn
Paul B. Kelly
D. Nelson Inglis
Floyd H. Neff
L. Ray Polan
Kenneth Randolph
Lester C. Randolph
W. Ray Rood
Clark H. Siedhoff
Randolph B. Thomas
George Thorngate
J. Fred Whitford

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS

SUMMARY OF THE CATALOGUE OF STUDENTS

College

Senior Class	7
Junior Class	10
Sophomore Class	12
Freshman Class	16
Special Students	5
Total	50

Academy

Fourth Year	16
Third Year	8
Second Year	6
First Year	6
Special Students	4
Total	40

School of Music

Harmony	5
Voice Culture	9
Piano	40
Violin	8
Violoncello	1
Singing Class	13
College Orchestra	18
Choral Union	84
Total in the School of Music counted once	132
Total in the School of Music not in the College or the Academy	75
Total in the Institution	165

UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE

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MILTON, WIS.

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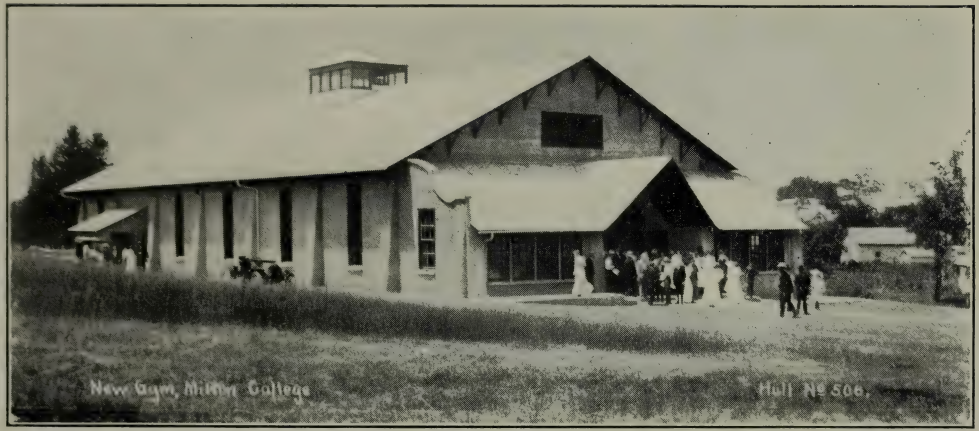
Catalogue of
MILTON COLLEGE

1912-1913



THE AUDITORIUM-GYMNASIUM

Catalogue of

MILTON COLLEGE

1912-1913

OF THE
UNIVERSITY OF ILLINOIS.

CALENDAR FOR YEAR 1913-'14

1913

Sept. 8-10, Monday-Wednesday, 9 a. m., Registration.
" 11, Thursday, First semester begins.
Nov. 27-30, Thanksgiving Recess.
Dec. 1, Recitations resumed.
" 18, Thursday, 8 p. m., Semi-annual Concert of the School of Music.
" 24-Jan. 6, Christmas Recess.

1914

Jan. 7, Wednesday, Recitations resumed.
" 22, Thursday, Day of Prayer for Colleges.
" 19-23, Registration for second semester.
" 27-30, Tuesday-Friday, Final Examinations.
" 30, Friday, First Semester ends.
Feb. 2, Monday, Second Semester begins.
Mar. 19, Thursday, 8 p. m., Oratorical Contest.
" 25-31, Spring Recess.
Apr. 1, Wednesday, Recitations resumed.
May 30, Memorial Day.
June 10-12, Wednesday-Friday, Final Examinations.

COMMENCEMENT WEEK

June 12, Friday, 8 p. m., Sermon before the Christian Associations.
" 13, Saturday, 8 p. m., Joint Session of the Literary Societies.
" 14, Sunday, 8 p. m., Baccalaureate Sermon.
" 15, Monday, 2 p. m., Annual Exercises of the School of Music.
" 15, Monday, 8 p. m., Commencement Exercises of the Academy.
" 16, Tuesday, 8 p. m., Shakespearean Play, presented by the Literary Societies.
" 17, Wednesday, 2:30 p. m., Class Exercises.
" 17, Wednesday, 8 p. m., Annual Concert under the direction of the School of Music.
" 18, Thursday, 10 a. m., Commencement Exercises.
" 18, Thursday, 1 p. m., Alumni Luncheon.
" 18, Thursday, 3 p. m., Meeting of the Trustees and Alumni, or of the Alumni Association.
" 18, Thursday, 8-11 p. m., President's Reception.

BOARD OF TRUSTEES

Office expires in 1913

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	WARDNER WILLIAMS, Ph D., Mus. D.	Denver, Colo.
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	JUSTIN H. BURDICK, M. D.,	Milton

Office expires in 1915

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	J. NELSON HUMPHREY, M. A.,	Whitewater
	FRED C. DUNN,	Milton
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C. EUGENE CRANDALL, Treasurer.
WALTON H. INGHAM, Financial Agent.

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Prof. LEMAN H. STRINGER, Mrs. ANNA S. CRANDALL.

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Superintendent of Grounds and Buildings

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Medical Examiner

Dr. GEORGE E. CROSLEY.

FACULTY

The Rev. WILLIAM CLIFTON DALAND, M. A., D D., President, Professor of History, Philosophy, English and Civics.

B. A., Brooklyn Polytechnic Institute, 1879; Student, Union Theological Seminary, New York City, 1883-'86; M. A., Alfred University, 1887; D. D., Milton College, 1896; D. D., Alfred University, 1903; Organist and Teacher of Music, Elizabeth, N. J., and Brooklyn, N. Y., 1874-'86; Pastor, Leonardsville, N. Y., 1886-'91; Pastor, Westerly, R. I., 1891-'96; Pastor, London, England, 1896-1900; Pastor, Leonardsville, N. Y., 1900-'02; President, Milton College since 1902. Published The Song of Songs, translated from the Hebrew, with notes, 1st edition, 1887; 2nd edition, 1888.

ALBERT WHITFORD, M. A., Professor Emeritus of Mathematics and Astronomy.

WALTER DAVIS THOMAS, M. A., Professor of Greek Language and Literature, and Assistant in History.

Graduate, Union Academy, Shiloh, N. J., 1873; Teacher Public Schools, 1873-'84; B. A., Milton College, 1884; M. A., Milton College, 1887; Professor, Greek Language and Literature, Milton College, since 1884; Graduate Student, Special work in Greek, Summer Term, University of Chicago, 1897; Student in Greek and History, Summer Sessions of University of Wisconsin, 1901 and 1903.

ALFRED EDWARD WHITFORD, M. A., Professor of Mathematics and Physics.

B. A., Milton College, 1896; M. A., Milton College, 1901; M. A., University of Wisconsin, 1911; Assistant Principal, Waupun High School, Waupun, Wis., 1896-'97; Principal, Milton Public School, 1897-'99; B. A., University of Chicago, 1900; Graduate student in Physics, University of Chicago, 1900-'01; Professor of Physics and Assistant in Mathematics, Milton College, 1901-'10; Assistant in Mathematics, University of Wisconsin, 1910-'11; Professor of Mathematics and Physics, Milton College, since 1911.

ALBERT ROGERS CRANDALL, M. A., Ph. D., Professor of Natural History and Physiology.

B. A., Milton College, 1873; M. A., Milton College, 1876; Ph. D., Milton College, 1885. Entered the Academic Department of Alfred University in 1858. His studies were interrupted by the Civil War. After nearly two years and a half of service in two enlistments, he was mustered out with the rank of First Lieutenant. After studying three years at Milton College and teaching one year as principal of Big Foot Academy, Walworth, Wis., was special student in the Museum of Comparative Zoology at Harvard University during five years, taking special studies in geology, paleontology, and zoology with botanical studies at the Botanical Garden, and also art studies for one year at the Boston Lowell Institute Evening School. During these years the long summer vacations were spent in field studies as a collector for the Museum of Comparative Zoology. These studies were extended over parts of Rhode Island, Massachusetts, and Maine; to the Ottoway region in Canada; to western New York, and along the Applachian belt from the Catskills to Northern Georgia and Alabama. Appointed Assistant of Prof. N. S. Shaler of Harvard University in the work of the Kentucky Geological Survey, 1873. Instructor in the Department of Natural History of the Agricultural and Mechanical College of Lexington, Kentucky, 1873-'74. Three years later was appointed Professor. Instructor in the Summer School of Geology organized by Professor Shaler at Cumberland Gap, Kentucky and Virginia, in 1875. Continued work on the Geological Survey in conjunction with his duties as professor of Natural History until 1893. Professor of Natural History in Alfred University, 1896-1903. Professor, Natural History, Milton College since 1903. Formerly fellow of the American Association for the Advancement of Science and of the Geological Society of America. Member of the Advisory Council on Religious Congresses in connection with the World's Columbian Exposition, Chicago, 1893. Among his published works are reports on the Geology and Botany of Eastern Kentucky, Vols. 1, 2, and 4, second series, and Vol. C of later reports, besides many papers and addresses.

ALBERT WESLEY KELLEY, Ph. D., M. D., Sc. D., Professor of Chemistry.

B. S., Union College, 1876; Ph. D. (in course), Otterbein University, 1892; M. D., College of Medicine and Surgery, 1896; Sc. D., Adrian College, 1906. Professor of Natural Science, Fostoria College, 1879-'86; Professor of Chemistry and Biology, Battle Creek College, 1886-'99; Professor of Chemistry and Biology, Union College, 1899 -1901; Dean and

Professor of Chemistry, Adrian College, 1901-'06; Professor of Natural History and Agriculture, Alfred University, 1906-'07; Special Lecturer in Medical Chemistry and Bacteriology, College of Medicine and Surgery, 1893-1907. Professor of Chemistry, Milton College, since 1908.

DAVID NELSON INGLIS, M. A., Professor of Romance Languages.

B. A., Milton College, 1905; M. A., University of Wisconsin, 1908; Principal of Graded School, Marquette, Wisconsin, 1905-'07; Student, University of Wisconsin, 1907-'08; Assistant in Romance Languages, University of Wisconsin, 1908-'10. Professor of Romance Languages, Milton College, since 1910.

Mrs. ANNA SOPHIA CRANDALL, M. A., Instructor in German Language and Literature.

B. A., Milton College, 1881; M. A., Milton College, 1885; Instructor, German Language and Literature, Milton College, 1881-'82; Student in Hebrew Language and Literature at Morgan Park Baptist Theological Seminary, 1882-'86; Studied German in Berlin, Germany, 1899-1900; Instructor, German Language and Literature, Milton College, since 1900.

PHILIP LESLIE COON, B. A., Assistant in Mathematics and Physics.

B. A., Milton College, 1910; Teacher, Edgerton High School, 1910-'12; Assistant in Mathematics and Physics, Milton College, since 1912.

Miss MARY MARGARET SWINNEY, B. A., Instructor in Latin and Assistant in English.

B. A., Milton College, 1908; Teacher, Walworth High School, 1908-'10. Instructor in Latin and Assistant in English, Milton College, since 1910.

Miss MABEL MAXSON, M. A., Instructor in English Literature.

B. A., Milton College, 1911; M. A., University of Wisconsin, 1912; Instructor in English Literature, Milton College, since 1912.

Miss EDNA MARTHA WIEGAND, B. A., Instructor in Latin.

B A., 1911, Lawrence College; Instructor in Latin, Milton College, since 1911.

MISS ALBERTA CRANDALL, Instructor in Piano Playing.

Student, Milton College and School of Music, 1893-98; Certificate Pianoforte Course, 1908; Student and Teacher of Piano, Alfred University 1898-1901; Special student under Dr. W. S. Matthews of Chicago, 1901; Student, New England Conservatory of Music, Boston, Massachusetts, 1902-'03; Student, New England Conservatory of Music, pupil of Carl Baermann, 1907-'08. Instructor in Piano Playing, Theory, and History of Music, Milton College, since 1903.

MRS ELLEN CRANDALL PLACE, Instructor, Violin, Viola, and Violoncello.

Student, Milton College and School of Music, 1893-'98; Student and Teacher of Violin, Alfred University, 1898-1901; Student, Violin at Bostlemann Conservatory of Music, Corning, N. Y., 1900-'01; Student Violin Playing and Orchestration, New England Conservatory of Music, Boston, Mass.. 1902-'04. Instructor, Violin, Viola, and Violoncello, Milton College, since 1904.

Miss WILNA SOVERHILL, Instructor in Violin Playing.

LEMAN H. STRINGER, B. A., Professor of Public Speaking, Instructor in Voice, and Physical Training.

B. A., Milton College, 1909; Teacher, West Allis High School, 1909-'12; Professor of Public Speaking, Milton College, since 1912.

Miss MABEL MAXSON, M. A., Librarian.

Prof. A. E. WHITFORD, M. A., Registrar.

GENERAL INFORMATION

Milton College is situated in the village of Milton, Rock County, Wisconsin, on the Prairie du Chien division of the Chicago, Milwaukee and St. Paul Railway, and at the Junction of this division with the Mineral Point branch, which unites at Janesville, with two other lines of that railroad going to Chicago. One mile west of the village, the Prairie du Chien division crosses at Milton Junction the Janesville, Watertown and Fond du Lac line of the Chicago and Northwestern Railway. By these great thoroughfares, direct access is secured several times a day to the principal parts of the Northwest.

The institute was first opened as a Select School in the village of Milton in the year 1844. In the year 1848 it was incorporated as Du Lac Academy, which in 1854 was reorganized under the name of Milton Academy. In April, 1867, by an act of the State Legislature, it was created Milton College, under which name and style it has since been carried on as a College of Liberal Arts, with a preparatory department, now called the Academy of Milton College, and a School of Music.

The moral and religious influences of the community about the institution are unsurpassed. The village has always been free from the haunts of idleness and dissipation, and is still one of the safest in these respects where young men and women may attend school. Its inhabitants have had long experience in association with students, and have from the beginning, exercised the most kindly feelings and thoughtfulness in assisting them in their work, and in encouraging them to acquire a thorough and liberal education.

AIMS OF THE INSTITUTION

Milton College has won its favorable reputation and maintained its usefulness by the steady and earnest pursuit of the following ideals:—

1. It has been from the first co-educational, offering all its advantages equally to men and women.

2. Encouragement and opportunities of self-support are always given as far as possible. It is possible for industrious students to earn enough to help them pay a large part of their expenses. Nevertheless it is unwise for a new student to depend upon obtaining work at once. It is desirable that such coming for the first time have sufficient funds to pay his expenses for at least one semester, or one half the college year.

3. While students are admitted at any time, and may choose any studies offered either in the Academy or the College, which they are qualified to pursue, they are nevertheless advised to select definite courses of study and pursue the same consistently. They are also advised to enter at the beginning of the College year and continue their studies through one year at least. This is especially urged upon students who have to interrupt their studies in order to earn money for their expenses. It is better to spend a year in earning money and then attend college for a year than to spend a part of each year in study and another part in earning money.

4. From the first, Milton College has aimed to secure thoroughness in all the student's work and sound preparation at every stage of education as a basis for further advancement.

5. The system of discipline enforced has as its aim the following ends: First, to secure excellent proficiency of the student in his classes; second, to aid him in the formation of those habits of life which will insure success, and to develop those traits of character which will render him self-reliant, courteous, law

abiding, and upright. The sentiments of personal honor and goodwill are called into action in securing good order among the students; and appeals are made to one's sense of duty in supporting rightful authority and in maintaining the high character of the institution.

6. While the teachers try by precept and example to inculcate the principles of Christian religion, no sectarian tenets are taught. Daily chapel exercises are held; regular weekly prayer meetings are sustained by the students themselves, who are encouraged to attend divine services of some church of their choice; any religious truth, not of a denominational character, is explained in the ordinary recitations and in the devotional exercises of the students, when occasion demands such explanation.

Note

There soon may be adopted some definite form of co-operation on the part of the students in the government of the institution. Until that is done the following rules and regulations will continue in force.

GOVERNMENT OF THE STUDENTS

I. Terms of Admission

1. No person is admitted to a class until matriculated as a student and duly registered at the office for the study in question. Days are appointed for this purpose at the beginning of each semester, although students may if necessary, be admitted at other times.

2. Admission to the Freshman class of the College is in accordance with the entrance requirements as stated on pages 19 and 20.

3. Admission to the classes of the Academy is in accordance with the standing of the student, determined either by examination or by credited standings from other schools.

4. Students in the School of Music are subject to the judgment of the instructors as to their qualifications.

5. Students in the School of Music and those pursuing special courses must conform as well as others to the general rules and regulations.

6. Applicants for admission from other institutions must present certificates of dismission in good standing when required to do so.

II. Deportment and Discipline

1. The general oversight of the deportment and studies of the students is assigned to the Faculty, of which the President is the executive officer. An appeal from any decision or arrangement of his, as well as any request for any special or general favor, may be made through him directly to the Faculty.

2. Students matriculating and taking up studies in any courses are regarded as pledging themselves to obey the following Rules and Regulations.

3. The oversight and control of the Library of Milton College and of all arrangements in connection with the use of the Library and Reading Room is assigned to the Librarian, who is appointed by the Trustees and acts in consultation with the President.

III. General Rules and Regulations

1. All charges for tuition and other fees must be paid in advance. No deduction in these will be made for an absence of less than half a semester. No student will be admitted to any class until his fees for the semester have been paid or until satisfactory arrangements have been made with the treasurer for payment at a later time.

2. After a student is admitted and his studies are registered at the office, no change in these will be allowed without the permission of the President.

3. Any student who desires to pursue a study outside of a class and receive credit therefor must first obtain special permission from the Faculty. Such work must be carried on under the supervision of the professor in charge of the department in which the study is pursued. The fee for such supervision is noted in the table of fees under "Miscellaneous Information," and must be paid with the other fees at the office.

4. Regular study and punctual attendance upon all recitations and prescribed exercises are required of all students. All students are expected to attend the daily chapel exercises. Any college student who during any semester is absent from chapel exercises to the number of one in ten of the whole number will be required to take two semester-hours' additional work in his course toward his degree. Any academy student similarly absent will be required to do additional work toward graduation to the amount of one half unit.

5. Professors and instructors may deduct one unit on a scale of one hundred from a student's standing for a semester in any study for each unexcused absence from a class exercise

in that study. All applications for excuses for absence from recitations shall be made to the President, in advance if possible, and such excuses when so obtained shall be filed with the proper instructor. Blanks for this purpose are provided at the office.

6. Students who do not live with parents or guardians and who have occasion to leave the village should obtain permission to do so from the President.

7. All public meetings or social gatherings of the students, including those of the Associations, the Literary Societies, the Class Organizations, the College Orchestra, and the Chorus Classes, are held subject to the approval of the President.

8. Profane and obscene language at all times and gambling in all forms are forbidden.

9. Students convicted of using intoxicating liquors, except by order of a physician, shall forfeit their standing in the Institution.

10. Students are prohibited from using tobacco on the grounds or in the buildings of the Institution.

11. Other special rules and regulations may be made from time to time by the Faculty or Trustees.

IV. Rules Governing Goodrich Hall

1. The Hall will be closed at ten o'clock in the evening.

2. Young ladies who are obliged for any reason to be out in the evening are expected to make an arrangement for their absence with the preceptress and must not remain out later than ten o'clock unless such arrangement is perfectly satisfactory to the preceptress.

3. The young ladies are expected to refrain as far as possible from visiting each other in their rooms during the hours devoted to college recitations. They are asked to discourage visits during these hours.

4. Gentlemen visitors are not allowed at all in the young ladies' rooms, but may be received in the reception room at

proper times, subject to any arrangement the preceptress may see fit to make. This regulation is not intended to apply to parents or guardians nor to parties given subject to the approval of the preceptress.

5. Parties or other entertainments may be given only subject to the approval of the preceptress.

V. Rules Governing Athletics

1. All the affairs of the Athletic Association, including their games, field day, and use of the Gymnasium for their exercises are under the supervision of the Faculty Committee on Athletics, which is appointed by the Trustees and acts in consultation with the President.

2. Students are not allowed to engage in games or sports during the recitation hours except as may be specially arranged by the Faculty.

3. Games or sports are not allowed on the campus, in the gymnasium, or in the village park on either Saturday or Sunday.

4 The gymnasium is regularly open after 3:00 p. m. each school day and is closed not later than 7 p. m.

5. In arranging schedules of games the manager of every team shall consult with the chairman of the Faculty Committee on Athletics.

6 A team may not play more than one regularly scheduled game per week, except in the case of a single trip to two or three institutions situated near together, and as far as possible games away from home should alternate with games at home.

7. Students pursuing regular studies to the amount of ten recitation periods a week in either College or Academy are eligible to represent the Institution in athletic contests, provided they have been registered at the beginning of the semester during which the contests are held; except that no student is allowed to play on any team who has done unsatisfactory work for two consecutive weeks. Further, no student who is pursuing studies

in another institution that has an athletic team is allowed to play on a similar team representing Milton College.

VI. Rules Respecting Examinations

1. Besides the final examination held at the close of each semester, frequent written tests are held during the semester; from an average of the student's standings in these examinations as well as from his standings in daily recitations the final standings are determined.

2. No student whose absence from recitations or other exercises in a given study reaches a total of ten per cent of the whole number of class exercises in that study in a given semester will be allowed to take his final examination in that study except by special permission of the Faculty, which permission shall be obtained by petition of the student so absent. In computing such percentage excused as well as unexcused absences shall be counted, and an absence on the first day of a semester or the last day before a recess or the first day after a recess shall be counted as two absences.

3. College seniors whose class standings are above ninety per cent during the second semester may be excused from taking final examinations in June.

4. In order to receive credit for any study a student must reach an average standing of at least seventy on a scale of one hundred. A student whose final standing in any college study is sixty-five per cent or more, but below the passing grade, is conditioned in that study and may at an appointed time within a year take an examination to remove the condition.

5. A student failing without excuse to take a written test in any class will not be allowed to continue in that class until he has complied with his duty, and a student failing to take the final examination in any study will not be allowed to register for a subsequent semester unless by special permission of the Faculty he arranges to take the examination in question.

6. For every special final examination—that is, for every

final examination held for the benefit of a single student—a fee of one dollar is charged. See table of Fees.

VII. Arrangements Respecting Graduation

1. A student completing satisfactorily the studies in any one of the courses of the Academy is graduated in that course, and receives a diploma certifying the fact.

2. Students having completed the studies in any one of the courses in Music, (Pianoforte, Violin, Viola, Violoncello, Vocal Music, Voice Culture, or Harmony), together with the studies in any one of the courses of the Academy or their equivalent, will be entitled to receive certificates of graduation in such course.

3. Students who are graduated from the College receive the degree of Bachelor of Arts.

ENTRANCE REQUIREMENTS

Every student who enters the Freshman class must offer fifteen (15) entrance units. The term unit means the equivalent of five recitations a week for one year in one branch or closely allied branches of study. These shall be as follows:

Mathematics (Algebra 1, Geometry 1)	2 units
English	3 "
History (Ancient History 1, or Medieval and Modern History 1, or United States History 1, or English History 1)	1 "
Science (Botany 1, or Botany and Physical Geography 1, or Chemistry 1, or Physics 1, or Physiology or Physical Geography 1, or Zoology 1)	1 "
Language (Latin 4, or Two Languages each 2)	4 "
	11 units

Any four units from the following:

*One Language	1 or 2 units
English	1 or 2 "
History	1, 2, or 3 "
Civics and Economics	1 "
Mathematics	1 "
Science	1, 2, or 3 "
Optional Subjects	1 "

Students who can offer only two units of language, but who have enough other credits to make up the full fifteen (15) units, will be admitted to the Freshman class, provided that they take two years of another language in the Academy of Milton College.

*If one unit only additional is offered, it must not be first-year work in any language.

for which ten (10) semester-hours' credit will be given on their free electives in the College course, except in the case of Greek for which sixteen (16) semester-hours' credit will be given, and in case of French, pursued in the College, for which twenty (20) semester hours' credit will be given.

Sixteen semester-hours' credit may be given for Cicero and Virgil pursued by college students fully prepared in language.

The description of courses under "Studies in the Academy" constitutes a detailed statement of the most of the entrance requirements and may furnish to those who are planning their high school courses suggestions as to what Milton College considers the preparation that will enable them to pursue their college studies to the best advantage.

Admission

Students who are graduates of any high school or academy which is on the accredited list of preparatory schools published by the University of Wisconsin will be admitted to the College upon the presentation of a certificate signed by the principal showing the satisfactory completion of the fifteen (15) required units as shown under "Entrance Requirements." Other students desiring to enter the College will furnish certificates of work done in their respective preparatory schools, and may be called upon to submit to entrance examinations in part or in all of the subjects offered for entrance from the school in question. When, as sometimes happens, such students are conditioned in one or more subjects, they are allowed to make up their conditions in the Academy of Milton College.

General Statement

The unit for counting in the College courses is the semester-hour, which is equal to one hour of recitation or lecture per week for one semester. Two hours of laboratory work are credited as one semester-hour. Students are expected to take sixteen (16) hours per week in recitations, lectures, and laboratory work, making thirty-two (32) semester-hours per year, and one hundred and

twenty-eight (128) for the course. No student will be permitted to receive credit toward graduation of more than eighteen (18) semester-hours in one semester in regular studies except by permission of the Faculty obtained in advance. Such permission will not be granted in any year to a student whose average standing during the preceding year has not reached ninety per cent. A student whose average standing during any year fails to reach eighty per cent will not be permitted during any following semester to receive credit for more than twelve (12) semester-hours until he has attained a standing of at least eighty-five per cent.

Required Work

The required work by years is as follows:

Freshman year		
	English 3 hours per week	6 s.-h.
	Mathematics 3 hours per week	6 s.-h.
	Two languages each 5 hours per w'k	20 s.-h.
		32
Sophomore Year		
	History 3 hours per week	6 s.-h.
	Psychology 3 hours per week	6 s.-h.
	Natural Science 5 hours per week	10 s.-h.
	Elective 5 hours per week	10 s.-h.
		32
Junior Year		
	Logic and philosophy 3 hours per w'k	6 s.-h.
	Public speaking 2 hours per week*	4 s.-h.
	Elective 11 hours per week	22 s.-h.
		32

*Public speaking may be taken in the Sophomore year in addition to the other work; this is advised if the student can arrange time for it then.

Senior Year

Ethics 2 hours per week	4 s.-h.
Elective 14 hours per week	28 s.-h.
	32
Total for the course	128

Of the two languages pursued in the Freshman year one must be a continuation of a language offered for entrance. The student may take his natural science in the Freshman year and then defer the second language till the Sophomore year. This is recommended to those taking science as a major. The second language may be freely chosen, but the first year's work in any language will not be accepted as fulfilling the requirement of the second language until the second year's work in that language is taken.

Major Study

The studies of the College courses are divided into three groups as follows:

I. Language and Literature.
II. History, Social Science and Philosophy.
III. Natural Science and Mathematics.

At the beginning of the Sophomore year, a candidate for a baccalaureate degree must, with the advice of the President, choose a major subject from one of the above groups and a minor subject from another department of the same group; provided, however, that a suitable language may be chosen as a minor subject in connection with any major and that mathematics may be chosen as a major subject in connection with a minor in either Group I or Group II. He will be required to do not less than twenty (20) semester-hours in his major subject and not less than ten (10) semester-hours in his minor. Studies to be counted toward work in the major and minor subjects are

allowed only according to the judgment of the professor in charge of the work in question. The electives of the Sophomore year should be devoted to the major subject.

Electives for the Sophomore Year

I	II	III
Latin	Economics	Conics and Surveying
Greek	Advanced Civics	Analytics
French	History of Education	Biology
Spanish		Chemistry
German		Physics
Sophomore Composition		
Anglo-Saxon and Middle English		
English Literature		

Electives for the Junior and Senior Years

I	II	III
Latin	History	Conics and Surveying
Greek	Economics	Analytics
French	Advanced Civics	Calculus
Spanish	History of Philosophy	Astronomy
German	History of Education	Biology
Old and Middle High German	Pedagogy	Zoology
Old Saxon		Botany
Gothic		Physiology
Anglo-Saxon		Geology
Middle English, etc.		Chemistry
English Literature, etc.		Physics

Degrees

All graduates from Milton College receive the degree of Bachelor of Arts.

Orations

Each student in the Sophomore and Junior year is required to produce an oration. These orations must be finished and handed to the President before the end of the first semester. They must be deliverd either in the annual contest of the Oratorical Association of the college, or in one of the preliminary contests, or in some public exercise arranged by the faculty and held on a date earlier than that of the annual contest.

Theses

A thesis on some subject connected with the major study is required of every student for graduation for which four (4) semester-hours' credit is given in the senior year. Theses must be typewritten and furnished for the college library by the Friday before Commencement. Diplomas will be withheld from students that fail to comply with this requirement.

Teachers' Certificates

By action of the State Board of Examiners it has been decided that all applications for Life Certificates to teach in the state of Wisconsin are to be considered solely upon their merits. Any graduate desiring to obtain such a certificate must file an application setting forth the studies he has pursued, duly certified by the college from which he is graduated. He may then be required to take an examination in certain subjects. If the application is satisfactory and the examination is duly passed, a cerificate will be granted after one year's successful experience in teaching and the maintenance of a good moral character.

DEPARTMENTS OF INSTRUCTION

English

1 Freshman English.

Lectures on English Composition. Exercises in paragraph and theme writing, directed toward the formation of an effective prose style. Text-books: Newcomer's *Elements of Rhetoric* and Lewis's *Specimens of the Forms of Discourse*. Required of all college students in the Freshmen year. *Three hours a week throughout the year.*

Note—The work in this course consists of the following parts:

a) Exercises in Newcomer's *Elements of Rhetoric* three times a week, or twice a week supplemented by lectures, according to the needs of the class from time to time.

b) Short themes based on exercises in Lewis's *Specimens of the Forms of Discourse* twice a week.

c) Weekly translations from a foreign language.

d) Longer bi-weekly themes based on the required readings.

e) Required readings: (1) A book of general reading and a standard novel, (2) Winchester's *Principles of Literary Criticism*, (3) Matthew Arnold's *Essays in Criticism*, selected.

2 Sophomore Composition.

Text-book, Wendell's *English Composition*. Semi-monthly themes. Required reading of modern literature. Elective. *Two hours a week throughout the year.*

3 Elementary Anglo-Saxon.

An elementary course with a view to the mastery of the grammar and the easy reading of late West Saxon prose, especial attention being given to the derivation of words. Text-book, Cook's *First Book in Old English*, supplemented by selections from Bright's *Anglo-Saxon Reader*, according to the needs of the class. Required of those who take English as a major study. *Three hours a week in the first semester.*

4 Advanced Anglo-Saxon.

Further study of the Grammar with especial attention to difficult forms and to syntax. Study of poems with extensive cursory reading of early and late West Saxon prose. Text-book, Bright's *Anglo-Saxon Reader*, with references to Cook's Sievers' *Old English Grammar* and March's *Comparative Grammar of the Anglo-Saxon Language*. Open to those who have taken course 3. *Three hours a week in the second semester*

5 Anglo-Saxon Dialects.

A study of the Northumbrian, Mercian, and Kentish dialects, with many of the most ancient remains of heroic poetry. Text-books: Kluge's *Angelsächsisches Lesebuch*, *Sievers' Angelsächsische Grammatik*, and Sweet's Student's Dictionary of Anglo-Saxon, with references to Kluge's *Geschichte der englischen Sprache*. Open to those who have taken courses 3and 4. *Three hours a week in the first semester*

6 Beowulf.

Study of the Anglo-Saxon text with reference to early Germanic life and customs. Text-book, Wyatt's *Beowulf*, with references to other works. Open to those who have taken courses 3 and 4. *Three hours a week in either semester, as classes may be arranged*

7 Early Middle English.

A. D. 1066-1300. Homilies, *Later Saxon Chronicle*, and prose selections in the Midland dialect; *The Ormulum*, *Havelok the Dane*, and poetical selections in the Midland dialect; *The Ancren Riwle* and prose selections in the Southern dialect; poetical selections in the Southern dialect, Layamon's *Brut*, *The Owl and*

Courses 3 to 9 have special reference to the history and development of the language. It is recommended that those choosing English as a major, after taking course 3, pursue consistently either courses 7, 8, and 9 in order, or courses 4, 5, and 6 in order, or both together; or the courses in Anglo-Saxon Poetry may well be taken after the course in Middle English. For Old Saxon, students of Anglo-Saxon will see under German courses.

the Nightingale and *King Horn*. The Midland dialect is made the basis of grammatical instruction, and especial attention is given to Danish and Norman influences. Text-book: Emerson's *Middle English Reader*, with supplementary texts. Open to those who have taken course 3. *Three hours a week in the second semester.*

8 Later Middle English.

A. D. 1298-1400. Sir John Mandeville, Wiclif, John of Trevisa, Dan Michel of Northgate (*Ayenbite of Inwyt*), Robert of Gloucester, *Handlyng Synne*, Lawrence Minot, *Cursor Mundi*, Barbour (*The Bruce*), Langland, Gower, and Chaucer, with a closer study of dialects, including the Northern dialect. Text-books as in course 7. Open to those who have taken course 7. *Three hours a week in the first semester.*

9 Transition and Tudor English.

A. D. 1400-1579. Occleve, Lydgate, James I. of Scotland, Ballads, Dunbar, Douglas, Mallory, More, Tyndale, Ascham, Berners, etc., to Spenser. Text-book, Skeat's *Specimens of English Literature*, 1349-1579. Open to those who have taken course 3. *Three hours a week in the second semester.*

10 College Literature.

A general Survey Course, covering the literature from the Norman Conquest to the present time. Text-books, Manly's *English Prose* and Manly's *English Poetry*, with lectures and references to other works. Occasional papers or bi-weekly themes. *Three hours a week throughout the year.*

11 Shakespeare.

The following plays are studied: First Semester: *Love's Labour's Lost, Henry V., The Tempest, Midsummer Night's Dream, Romeo and Juliet, The Merchant of Venice.* Second Semester: *As You Like It, Twelfth Night, Hamlet, Coriolanus, King Lear, Macbeth, A Winter's Tale.* Text-book, Either the Arden, the Tudor, or the Temple Edition of the play studied. *Three hours a week throughout the year.*

12 a Browning.

A careful study of the poet's life, followed by the reading and interpretation of the most important of his poetical works. Text-book, The Globe Edition of Browning's works. *Two hours a week in the first semester.*

12 b Tennyson.

The study of Tennyson's development as a poet. Nearly all the poems are read in class. Text-book, The Globe Edition of Tennyson. *Two hours a week in the second semester.*

13 a The Romantic Movement.

A study of the movement in general, followed by particular study of the poetical works of Coleridge, Wordsworth, Byron, Shelley, and Keats. Page's British poets of the Nineteenth Century. *Three hours a week in the first semester.*

13 b The Victorian Era.

A continuation of 13 a. Study of the poetical works of Landor, Browning, Tennyson, Rossetti, Arnold, Morris, and Swinburne. Text-book the same as for 13 a. *Three hours a week in the second semester.*

14 a Ballads.

A study of English and Scotch popular ballads. The various theories of the origin of the popular ballads are considered, especially in relation to the origins of art. Study of folk-lore enters into this course. Text-book, *English and Scottish Popular Ballads*, edited by Sargent and Kittredge, from the collection of F. J. Child. *Two hours a week in the first semester.*

14 b Literary Criticism.

English literary criticism of the nineteenth century. The first half of the work deals with the criticism that arose from the publication of the "Lyrical Ballads" and the discussion of fantasy and imagination. The second half of the course is concerned with the school of critics of whom Matthew Arnold was the leader. Text-books: *Wordsworth and Coleridge, Lyrical Bal-*

lads, edited by Littledale. *Biographia Literaria* by S. T. Coleridge. *Two hours a week in the second semester.*

15 Modern Drama.

A survey of dramatic literature. Lectures, reading, and analysis of plays. *Two hours a week throughout the year.*

Note—Courses 10 to 15 are not all given every year. In 1913-'14 courses 10, 11. and 13 a and b may be expected.

History

1 Medieval History.

Text-book, Adams' *European History*, to p. 303, as a basis of facts. Required readings: Adams' *Civilization During the Middle Ages;* Bryce, *Holy Roman Empire;* Guizot, *History of Civilization* (Knight's edition); Robinson, *Readings in European History*, Vol. I., and other works. Also select pamphlets from the University of Pennsylvania series and Munro and Sellery's Translations. Brief lectures on such topics as are desired. Occasional written papers. Required in the Sophomore year. *Three hours a week in the first semester.*

2 Modern History.

Text-book, Adams' *European History* to completion. Required reading: Fisher, *Reformation;* Schaff, *History of the Christian Church*, Vol. VI.; Green, *History of the English People;* Adams, *Growth of the French Nation;* Schwill, *Political History of Modern Europe.* Lectures as desired. Reading also required on contemporaneous American History. Written papers bi-weekly. Required in the Sophomore year. *Three hours a week in the second semester.*

3 a American History.

Covering the time of discovery, settlement, colonial development, the French Wars and the Revolutionary struggle. *Three hours a week in the first semester.*

3 b American History.

The formation and development of the nation, beginning with

the critical time of 1783 and extending through the time of reconstruction after the Civil War. *Three hours a week in the second semester.*

Political and Economic Science

1 Advanced Civics.

Text-book, Beard's *American Government and Politics* with references to Wilson's *The State*, Bryce's *American Commonwealth*, and other works. *Three hours a week in one semester.*

2 Anglo-American Law.

Lectures on the origin and nature of our law, treating especially of Anglo-Saxon, Roman, and Feudal Law, with a study of texts. *Two hours a week throughout the year.*

3 Economics.

Text-book, Bullock's *Introduction to the Study of Economics*, with references to Mill's *Principles of Political Economy* and other standard works. *Three hours a week in one semester.*

Philosophy

1 Descriptive Psychology.

Lectures. Text-book, Angell's *Psychology*, with references to Ladd, James, and other authors. Required in the Sophomore year. *Three hours a week in the first semester.*

2 Analytical Psychology.

Lectures. Text-book, Witmer's *Analytical Psychology*, with class exercises and experiments. Required in the Sophomore year. *Three hours a week in the second semester.*

3 Logic.

Lectures. Text-book, Creighton's *Introductory Logic*, with references to Mill, Bosanquet, and other authors. Required in the Junior year. *Three hours a week in the first semester.*

4 Introduction to Philosophy.

Lectures. Text-book, Paulsen's *Introduction to Philosophy.*

Required in the Junior year. *Three hours a week in the second semester.*

5 Ethics.

Lectures. Text-book, Dewey and Tuft's *Ethics* with reference to bibliography. Required in the Senior year. *Two hours a week throughout the year.*

6 History of Philosophy.

Lectures, with references to Zeiler, Lewes, Cousin, Burt, Windelband, and other authors. Open to those who have taken courses 1-4. *Two hours a week as arranged.*

Education

1 History of Education.

Lectures. Text-book, Cubberley's *Syllabus* with references to bibliography. Required of those who wish to obtain Teachers' State Certificates. *Two hours a week throughout the year.*

2 Pedagogy.

Lectures. Text-book, Lange's *Apperception* with references to bibliography. Practical work in teaching. Required of those who wish to obtain Teachers' State Certificates. *Three hours a week in the second semester.*

Latin

1 Livy or Cicero.

Selections from Livy, Books I. and II., or XXI. and XXII., or else either Cicero's *De Senectute* or *De Amicitia*, supplemented by Virgil's Eclogues. Exercises in writing Latin once a week. *Five hours a week in the first semester.*

2 Horace.

Selections from the Odes, Satires, and Epistles. *Five hours a week in the second semester.*

3 Roman Satire.

Selections from Juvenal, Horace, and Persius. *Three hours a week in one semester.*

4 Tacitus.

Germania and Agricola. *Two hours a week in one semester.*

5 Roman Drama.

Selected Plays of Plautus and Terence. Early Latin Literature. *Three hours a week in one semester.*

6 Epistolary Latin.

Selected Letters of Pliny and Cicero. *Three hours a week in one semester.*

7 Catullus.

Two hours a week in one semester.

8 Study of Roman Antiquities.

Three hours a week in one semester.

9 Easy Translation Course.

Either (a) Quintus Curtius and Sallust, or (b) Cæsar (Book VII. of the Gallic War) and Nepos. Open to all college students. *One hour a week throughout the year.*

10 Advanced Latin Composition.

Open to students who have completed courses 1 and 2. *Two hours a week throughout the year.*

11 Special Courses.

Author to be read and work to be done is arranged from year to year to meet the needs of the time. *Three hours a week in one semester.*

12 Study of Special Subjects.

Arranged from year to year; as Roman Political Institutions, Latin Palæography, Roman Law, Latin Hymns, etc. *Two hours a week in one semester.*

Note.—A Latin Club, formed among the students, holds meetings once a month.

Greek

1 Beginners' Greek.

Those who begin Greek in the College will take the two years of preparatory work in the Academy, for which sixteen(16) sem-

ester-hours' credit will be given. See under "Studies in the Academy."

2 Homer and Lysias.

Homer's *Odyssey*, Books V.-XII., or the Iliad, Books IV.-VI., and selections, in the first semester; Lysias, with grammar and composition, and the *Philippics* of Demosthenes in the second semester. *Five hours a week.*

3 Advanced Greek.

The Alcestis of Euripides, selections from Herodotus and Thucydides, and Jebb's *Primer of Greek Literature*, in the first semester. Plato's *Apology* and *Crito* and Thucydides, in the second semester. *Three hours a week.*

4 Dramatic Poets.

Two plays of Æschylus, Sophocles, or Euripides and the study of meters in the first semester. Plays of Aristophanes with discussion of the Attic Drama and Theatre in the second semester. *Three hours a week.*

5 Poets and Orators.

Greek Lyric Poets in the first semester: Greek Orators in the second semester. *Three hours a week.*

6 Plato.

Selected Dialogues. *Twice a week throughout the year.*

French

1 First Year French.

Work in grammar, reading, conversation, and phonetics, based upon Fraser and Squair's *French Grammar*. Additional texts read during the year. *Five hours a week throughout the year.*

2 Second Year French.

Translation and criticism of standard French authors, following the development of French literature from the seventeenth century through the nineteenth century. Composition one hour a week. *Four hours a week throughout the year.*

3 Composition and Conversation.

For students who wish to do advance work in composition, conducted wholly in French. *Two hours a week throughout the year.*

4 General Survey.

A brief survey of the whole field of French literature, showing main divisions and placing representative authors. Lectures and collateral reading. *Three hours a week throughout the year.*

5 Nineteenth Century Drama.

Study and criticism of representative dramatists, such as Hugo, Dumas-Fils, Angier, Scribe, Rostand, and others. Lectures and assigned reading. *Three hours a week in the first semester.*

Spanish

First Year Spanish.

Hill and Ford's Spanish Grammar used in connection with Giese's First Spanish Book. Translation of selections from *Gil Blas*. *Four hours a week throughout the year.*

Second Year Spanish.

Translation of selections from the *Don Quijote* of Cervantes and from more modern writers. *Two hours a week throughout the year.*

German

0 Beginners' German.

See Academy under "Elementary German."

1 Freshman German.

Modern prose, narrative and dramatic, and a drama by Lessing or Schiller. Review of the Grammar and Syntax. Written and oral exercises. Open to those who offer two entrance units of German. *Five hours a week throughout the year.*

2 Classical and Modern Writers.

Selections from nineteenth century novelists and the dramas, Goethe's Egmont and Schiller's Wallenstein. Written exercises.

For students who have had German 1. *Three hours a week throughout the year.*

3 German Composition and Conversation.

This course is especially intended for those who look forward to teaching. *Two hours a week in the first semester.*

4 Sight Reading.

Rapid translation of literary prose and articles in current magazines and newspapers. *Two hours a week (one hour credit) throughout the year*

5 Modern German Dramatists.

Selected Dramas from Grillparzer, Hebbel, Ludwig, Hauptmann and Sudermann, or several dramas of one of these authors, with critical study of his life and works. *Two hours a week in the first semester.*

6 Modern German Novelists.

Readings from Scheffel, Freytag, Keller, Sudermann and Frensson. Representative selections will be read in class and others will be assigned for private reading. *Two hours a week in the second semester.*

7 Faust.

Part I. Read and discussed. *Two hours a week in the first semester.*

8 German Epic, Ballad, and Lyric Poetry.

The course gives a hasty survey of German Poetry from the Middle Ages to the present time, including parts of the Nibelungenlied, Court Epics, and characteristic Minnelieder in Modern German translations, and selections from leading poets of the eighteenth and nineteenth centuries. Reports on assigned reading. *Two hours a week in the second semester.*

9 Special Courses.

Other courses may be arranged, as the critical study of one author, as Goethe, or of one period, as the Romantic period, or a general survey of the History of German Literature.

10 Medieval German.

Courses in Middle High German and Old High German are offered whenever students who are prepared desire to form classes. Wright's Primers are used for elementary study, preparatory to a fuller treatment of the older German dialects in larger German works.

11 Old Saxon.

For the benefit of students specializing in English studies courses are offered in Old Saxon (Old Low German). Text-books: Holthausen's *Altsächsisches Elementarbuch* and Behaghel's *Heliand und Genesis. Two hours a week in one semester, continued in another semester if the whole of the Heliand is read.*

12 Gothic.

For students in Germanic philology courses are offered in the Gothic Gospels of Ulfilas. Text-book, Wright's *Primer of the Gothic Language* for the elementary course.

Courses 3 to 9 are open to those who have had course 2. Course 10 is for advanced German students. Course 11 is for those prepared in German and Anglo-Saxon. Course 12 is for those pursuing advanced linguistic studies.

Note.—A German Club, formed among the students, holds meetings once a month.

Mathematics

1 Algebra.

Rietz and Crathorne's College Algebra. Theory of Exponents. Theory of Quadratic Equations, Graphic Representation, Variation, Progressions, Permutations and Combinations, Binomial Theorem, and Logarithms. Required in the Freshman year. *Three hours a week in the first semester.*

2 Trigonometry.

Rothrock's *Plane and Spherical Trigonometry* with numerous exercises. Required in the Freshman year. *Three hours a week in the first semester.*

3 Analytic Geometry.

Rigg's Analytic Geometry. Cartesian and Polar Co-ordinates, Locus of an Equation, Equation of a Locus, the Straight Line, Standard Equations of the Second Degree, Trigonometric, Exponential and Logarithmic Functions, Graphs in Polar Co-ordinates. Open to those who have had courses 1 and 2. *Three or four hours a week in the first semester.*

4 Analytic Geometry.

Rigg's Analytic Geometry. Continuation of course 3. Parametric Equations of Loci, Tangents and Normals, Derivatives, Conic Sections, the General Equation of the Second Degree, Co-ordinates in space, the Plane and the Line in Space, the Quadric Surfaces. Open to those who have taken course 3. *Three or four hours a week in the second semester.*

5 Differential Calculus.

Granville's Differential and Integral Calculus with numerous exercises. Open to those who have taken courses 3 and 4. *Four hours a week in the first semester.*

6 Integral Calculus.

Granville's Differential and Integral Calculus with numerous exercises. Continuation of course 5. *Four hours a week in the second semester.*

7 Differential Equations.

A short course in Differential Equations with applications to problems of Physics. Open to those who have taken courses 5 and 6. *Three hours a week in the first semester.*

8 Surveying.

Recitations and problems in the measurement of heights, distances, and areas. Field practice with the chain, the compass, the transit and the level. Open to those who have taken course 2. *Two hours a week in second semester.*

Students who make a major in Mathematics are required to take courses 1-7 inclusive.

Physics

0 Elementary Physics.

Text-books: Millikan and Gale's *A First Course in Physics*, and Millikan and Gale's *A Laboratory Course in Physics*. Open for credit to Freshmen who have not offered Physics for entrance. For description see Physics under Academy.

1 General Physics.

Kimball's College Physics. Lectures and recitations, four hours a week. Laboratory practice, four hours a week. Open to those who have taken Mathematics 1 and 2. *Full study throughout the year.*

2 Advanced Course of Lectures.

Heat and Light. Open to those who have taken course 1. *Three hours a week in the first semester.*

3 Advanced Course of Lectures.

Electricity and Magnetism. Open to those who have taken course 1. *Three hours a week in the second semester.*

Chemistry

1 General Chemistry.

The subjects covered in this course will include a careful study of the occurrence and properties of the elements, together with the laws governing all chemical reactions and stoichiometrical calculations. In the laboratory the reactions are still farther studied, followed by a series of experiments in the systematic analysis of simple compounds. Prerequisite: Physics, course 0. *Two hours each day, five times a week throughout the year.*

2 Analytical Chemistry.

A systematic course in qualitative and quantitative analysis, by both volumetric and gravimetric methods. The analysis is largely that of alloys, ores, and commercial products. Prerequisite: Course 1. *Five times a week throughout the year.*

3 Organic Chemistry.

Laboratory practice, supplemented by lectures and recitations. It is intended to give the student a general knowledge of the carbon compounds. Special attention is paid to practical application. *Five times a week in the first semester.*

4 Applied Chemistry.

Lectures and laboratory work upon subjects pertaining both to Inorganic and Organic Chemistry, including the analysis of food products: milk, butter, bread, water, soils, fertilizers, etc. *Five times a week in the second semester.*

Biology

1 Biology.

Microscopy, Plant and Animal Biology. Laboratory work and lectures. Open to Freshmen and Sophomores. *Two hours each day. Five times a week throughout the year.*

2 Physiology.

Anatomy, Physiology and Hygiene. Open to Sophomores and Juniors. *Five times a week in the first semester.*

3 Zoology.

Laboratory work. Special studies and a summary thesis. Open to Sophomores and Juniors. *Two hours each day. Three times a week in the second semester.*

4 Botany.

Laboratory work. Special studies and a summary thesis. Open to Sophomores and Juniors. *Two hours each day. Three times a week in the second semester.*

Geology

1 Physiography and Dynamic Geology.

Lectures, review papers and discussions. Open to Juniors. *Five times a week in the first semester.*

2 Paleontology.

Class work. Field Studies, and a Thesis. Open to Juniors. *Five times a week in the second semester.*

Note—In Biology and Geology there are special courses for those who choose their major in one of these departments. The work will include the senior thesis, a copy of which must be placed in the department library. Open to Seniors. *Three times a week throughout the year.*

Bible Study

Lectures and a study of the text of the American Standard Revision. Analysis of the sixty-six books of the Bible with introduction. *Two hours a week throughout the year.*

THE ACADEMY OF MILTON COLLEGE

The Academy of Milton College is primarily a preparatory school. Its graduates are admitted to the University of Wisconsin without examination. Courses of study are indicated in the table on the following page. They all prepare students for admission to the Freshman class of the College. Other combinations of studies than those indicated may be arranged, conforming in all cases to the college entrance requirements.

The studies indicated in the table are all pursued throughout the year except when two subjects are mentioned together. In this case the subject first mentioned is studied during the first semester and the second subject during the second semester. Classes in all studies meet five times a week except in the case of English. The four years' work in English as arranged makes up the three full units of English required for admission to the Freshman class; but it should be noted that much more and better written work is done thus in four years than it the three units were covered in three years. Elocution is included in English as follows:—

	Mon.	Tues.	Wed.	Thurs.	Fri.
1st year	English	English	English	Elocution	English
2nd year	English		English	Elocution	English
3rd year	Elocution	English	English	English	English
4th year	Elocution	English		English	English

Each student is required during the fourth year to furnish one written essay, involving considerable research, aside from class work in English, or work done for a Lyceum exercise, and in addition to any work done for presentation at the graduation exercises of the Academy.

COURSES OF STUDY IN THE ACADEMY

Years	Latin and Greek	Latin and Modern Language	Latin and History	Language and Science (a)	Language and Science (b)*
I	First Year Latin Algebra Physical Geography-Geology or Botany First Year English	First Year Latin Algebra Physical Geography-Geology or Botany First Year English	First Year Latin Algebra Physical Geography-Geology First Year English	First Year Latin Algebra Physical Geography-Geology First Year English	First Year Latin Algebra Physical Geography-Geology First Year English
II	Second Year Latin Geometry Ancient History Second Year English	Second Year Latin Geometry Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English
III	Cicero Physics Greek Third Year English	Cicero Physics German or French Third Year English	Cicero Medieval and Modern History Geometry Third Year English	German or French Geometry Medieval and Modern History Third Year English	German or French Geometry Chemistry Third Year English
IV	Virgil American History Greek Fourth Year English	Virgil American History German or French Fourth Year English	Virgil American History Physics Fourth Year English	German or French Physics American History Fourth Year English	German or French Physics American History Fourth Year English

*Other combinations of language with science may be arranged, not less than two years of one language being pursued

STUDIES IN THE ACADEMY

English

First Year English.

First semester, oral and written composition. Text-book: Crandall's *First Year English Book*. Second semester, class room study of *Silas Marner*, *Lady of the Lake*, *The Vision of Sir Launfal*, *The Merchant of Venice* or equivalents, *The Last of the Mohicans*, or its equivalent for outside reading.

Second Year English.

First semester, composition. Text-book: Brooks and Hubbard's *Composition Rhetoric*. Second semester, class room study of *Julius Caesar*, *Ivanhoe*, and selections from *The Idylls of the King*, *A Tale of Two Cities*, or their equivalents for outside reading.

Third Year English.

Chronological study of English writers. Text-book, Moody and Lovett's *History of English Literature*. Special classroom study of the Prologue to the *Canterbury Tales*, Shakespearean drama, Milton's Minor Poems, and Bacon's Essays. A study of exposition and argumentation with practice in writing. Text-book in Composition Gardiner, Kittredge and Arnold's *Composition Rhetoric*.

Fourth Year English.

Study of English Authors continued during the first semester. Study of principal American Authors during second semester. Themes at regular intervals.

Note—For number of times see table of days on page 41.

History and Civics

Ancient History, including Oriental, Greek, and Roman.

Text-book, West's *Ancient World*, with references to Myers', Morey's and Botsford's histories. *Throughout the year.*

Medieval and Modern History.

Myer's *Medieval and Modern History. Throughout the year.*

History of the United States.

Text-book, Woodburn and Moran's *American History and Government*, with references to other text-books and authorities on the subject. *Throughout the year.*

Mathematics

Algebra.

Hawkes, Luby and Touton's *First course in Algebra.* Elementary operations including Factoring, finding Common Divisors and Multiples, reduction of fractions, and known quantities; Involution, Evolution, Radicals, Quadratic Equations. *Throughout the year.*

Geometry: Plane.

Wells' *New Plane and Solid Geometry.* Elementary principles and their application to original theorems and problems; **Solid**—A study of points, lines, and planes in space, polyhedrons, cylinders, cones and spheres, with original exercises. *Throughout the year.*

Arithmetic.

Classes are sometimes formed for students not sufficiently prepared in arithmetic. Cook and Cropsey's *New Advanced Arithmetic.* Percentage and its applications to Profit and Loss. Commission, Interest, Discount, Insurance, Taxes, Stocks, and Exchange; Ratio and Proportion; and Involution and Evolution.

Science

Physics.

Text-books: Millikan and Gale's *A First Course in Physics*, and Millikan and Gale's *A Laboratory Course in Physics.* Two double periods are spent each week in laboratory work *Full study throughout the year.*

Chemistry.

Text-book, Hessler and Smith's *Essentials of Chemistry. Recitations and Laboratory work throughout the year*

Physical Geography

General course. *First semester.*

Elementary Geology.

General course. *Second semester.*

Elementary Physiology.

Walker's Physiology. *First semester.*

Elementary Botany.

Bailey's *Elements of Botany* and Gray's *Manual. Secona semester.*

Latin

First Year Latin.

Special attention is given to inflection, vocabulary, pronunciation, and translations into idiomatic English. Frequent reviews and written exercises are given. *Throughout the year.*

Second Year Latin.

Four books of Caesar or any equivalent amount from various Latin writers. Prose Composition one hour a week. *Throughout the year.*

Cicero's Orations.

Four Orations against Catiline. Three other orations, including *De Imperio Pompeii.* Prose Composition one hour a week. *Throughout the year.*

Virgil.

Six books of the *Aeneid* Attention is given to the reading of the Latin, carefully prepared translations of review lessons, mythology, figures of speech, etc. *Throughout the year.*

Greek

First Year Greek.

A study of the elements of the language. Xenophon's *An-*

abasis with Greek Prose Composition. *Throughout the year.*

Second Year Greek.

Xenophon's *Anabasis*, Books II.-IV., with Greek Prose Composition, Homer's *Odyssey*, Books I.-IV., or Books I.-III.

German

Elementary German

Corresponding to the elementary courses outlined in the Report of the Committee of Twelve. Grammar and reading of easy modern narrative prose and one or two short plays and a few poems committed to memory. Practice throughout the two years in speaking and writing German. Students should at the end of this time be able to pronounce and translate at sight simple German prose, and to carry on a simple conversation based upon the texts given for translation. *Five hours a week throughout two years.*

French

Academy French.

Students pursuing French in the Academy will take two years' work with the College classes. See under "Department of Instruction."

PUBLIC SPEAKING

Courses of study in public speaking are of the greatest value to any student, no matter what the purpose of his study may be, because they contribute to his personal efficiency in several ways, primarily through the most important means of power, the expression of thought by the body and the voice. They also afford an excellent training of the mind, especially through the practice of the laws that govern the effective persuasion of others. There is, moreover, no branch of study that contributes more to the development of a strong personality. The Greeks were aware of the value of oratory and regarded it as the most important part of one's training. Practice in expression may well be continued through the entire preparatory and college education.

Public Speaking

In the College.

College students are required to attend a class in Vocal Culture and Expression two hours a week for one year. This is required by the Junior year, but should preferably be taken earlier if the student has time for it.

In addition to this work, for the benefit of those who shall have finished this required course and those who have already had one year of such work, a more advanced course in Oratory and Interpretation is offered, continuing three hours a week throughout the entire year. It is hoped that all who are prepared to do so will avail themselves of this opportunity.

Required Course.

Vocal Culture. Two hours a week. Text-book, Cumnock's *Choice Readings*. 1st Semester: 1) Phonation; a. Enunciation, b. Articulation, c. Pronunciation. 2) Voice Building. 3) Fundamental Principles of Expression. 4) Analysis. 5) Interpretation. 2nd Semester: 1) Phonation. 2) Voice Building. 3) Tone Placing. 4) Interpretative Reading.

Elective Course.

Oratory and Interpretative Reading. Three hours a week. Open to students who have completed the course in Vocal Culture. Text-books: Cumnock's *Choice Readings*, Longfellow's and Tennyson's Poems. 1st semester: 1) Oratory. 2) Common Reading. 3) Interpretative Reading. 4) Expressive Reading. 2nd semester: 1) Expressive Reading. 2) Oratory. 3) Bible and Hymn reading. 4) Shakespearean Play.

Special classes or private lessons may be arranged to meet the needs of individual students.

In the Academy.

All the pupils in the Academy of Milton College are required to take exercises in Elocution as a part of their work in English. See page 40.

Credit

In College the usual full credit is given for the work in public speaking.

In the Academy the work in Elocution receives credit as part of the course in English.

Fees

Students in the institution taking regular courses pay for the work in this department the usual proportionate tuition based on the number of hours taken. Those not in the College and who take either of the courses pay for the two-hour course the sum of four dollars per semester and for the three-hour course five dollars per semester.

Fees for the regular courses and the fee for physical culture are paid through the college office.

For private instruction fees are payable directly to the Instructor. These are as follows: For a regular course of instruction, two half-hour lessons a week, $7.50 per half-semester of nine weeks. For individual lessons fifty cents per half-hour.

PHYSICAL CULTURE

The authorities at Milton College believe that some proper physical training, by a skilled director under medical supervision, ought to be given to all students at Milton College and that regular physical exercises ought to be required of all students. As a step toward the ideal we hope to reach, there is now required of all students of the Academy of Milton College and of all students in the College below the senior year, regular physical training based upon a systematic medical examination.

Medical Examination

The reasons for requiring a medical examination are (1) to furnish each student at the beginning of every semester information as to his general physical condition, that he may be guided in caring for his own health and in taking up such exercises as shall develop him in health, strength, and bodily symmetry; (2) to prevent any student from engaging in severe exercises or entering into sports that might injure his health; and (3) to enable the physical director to know just what each student needs for his best physical development.

It is hoped that all students will perceive the advantage of such an examination and that they will co-operate with the authorities of the college by taking the examination willingly and regularly and by following the suggestions that may be made by the medical examiner and physical director.

Examinations are made of all students at the beginning of each semester and of certain students oftener, if the medical examiner finds need for more frequent examination. At each regular examination the student is furnished with a record of it, and such advice is given the student as the examiner in his judgment thinks best to give. The examination is to discover the condition of the eyes, heart, lungs, and vital organs, and any special

PROF. L. H. STRINGER,
Physical Director

condition of any part that may at all affect the student's work or physical training. This is supplemented by bodily measurements taken by a physical director. The repetition of the examination at the beginning of each semester enables the director, with the advice of the physician, to determine the result of the work already done and better to plan the work for the succeeding semester.

Examiners and Director

Two competent physicians, a gentleman and a lady, make the examination at times announced at the opening of the college in September, but the same physical director takes charge of the classes of men and women students.

Gymnasium Classes

The regular class work is held in the gymnasium in the afternoon three times a week for men and twice a week for women. Individual work is arranged to meet the necessities of the case. Attendance at the regular classes is required of all students in the college and academy except seniors in college, members of the athletic teams, and those spcially excused by the medical examiner, for reasons. But any student not forbidden by the medical examiner, and any member of the faculty or music student, may be admitted to the class with the approval of the director, except that no one will be admitted to a class without a previous examination.

Fees

Every student must pay to the treasurer of the college a fee for each regular examination as follows:— In all cases at the beginning of the first semester, and at the beginning of the second semester in the case of students not already examined, fifty cents. At the beginning of the second semester in the case of students already examined in the first semester, twenty-five

cents. If an examination is required oftener than at the beginning of the semester, it will usually be given without fee.

Every student in the college or academy, irrespective of whether he takes physical training or is excused therefrom is charged a fee for the use of the gymnasium of fifty cents per semester.

These fees, amounting in general to one dollar in the first semester and seventy-five cents in the scond semester, are charged to every student and are payable to the college treasurer at the beginning of the semester. Free scholarships do not cover these fees, but they are to be charged to those receiving free tuition as well as to all other students. Members of the faculty and music students or others, if they take physical training must also pay these fees.

Lockers in the gymnasium may be rented by students for fifty cents a semester. A deposit of twenty-five cents is also required for the key to the locker. Locker fees and deposits are paid to the physical director at his office in the gymnasium.

Private Work

Any one who may desire private instruction from either physical director may make his own arrangements for such work. But if not a student already examined and enrolled, he must first take the usual examination and pay to the treasurer of the college the proper fees for the examination and for the use of the gymnasium.

SCHOOL OF MUSIC

The principal courses in music are the following: Voice Culture, Harmony, Pianoforte, Violin, Viola, and Violoncello.

Two years' study of Harmony, one year of the Theory of Music, and the course in the History of Music are required in the Pianoforte, Voice Culture, and stringed instrument courses; and at least the first two grades of one of the instrumental courses is a prerequisite of the completion of the Harmony and Voice Culture courses.

Pupils having completed any one of the above courses and having completed a full course in the Academy, or its equivalent, are entitled to a certificate of graduation in such course.

PIANOFORTE COURSES

MISS ALBERTA CRANDALL

The instruction in pianoforte playing is in five grades extending over a period of five or more years on a basis of two lessons per week.

A correct hand position and a flexible wrist are insisted on from the first as requisites for proficiency. Exercises from Mason's *Touch and Technic*, Stasny's *Finger Training*, and other aids, are used for the acquirements of correct finger, hand, and arm touches.

The technical exercises used include studies from Czerny, Heller, Cramer, Kullak's *Octaves*, *Books I. and II.*, Krause's *Trill and Other Studies*, Sonatinas from Kuhlau or Clementi, and Bach's *Two and Three Part Inventions*.

Pieces suited to the different grades are used, including selections from Schumann, Mendelssohn, Mozart, Raff, Beethoven, Schubert, Chopin, and others.

A course in Musical Kindergarten extending over a period of a year is recommended for beginners of from five to twelve years of age. The advantage of such a course is that the subject-matter is presented in such a simple and interesting way, by means of songs, stories, and games, that the children are thoroughly interested and make much more rapid progress than when taught by the old method.

The following subjects are included in the course: Notation, or Sight-reading, Ear-training, Memorizing, Metre, Rhythm and Time or Movement, a knowledge of the key-board, a familiarity with musical signs and terms, the building of scales, major, minor, and chromatic, Degrees, Intervals, Triads and Chords, Technic and Musical History.

The Sweet-Whitney *Music Method* is the method used, and it is taught in classes of three.

VOICE COURSES

MR. LEMAN H. STRINGER

This course comprises a complete system of Voice Culture. The vocal instrument consists of not only the mouth, larynx, lungs, etc., but practically of the entire body; therefore a system of physical exercises is used for the strengthening and building up of the entire vocal instrument.

In this school of Voice Culture, three widely different methods or arts, are employed in the training, developing, and perfecting the voice. These methods are of equal importance and are all equally necessary. They are classified as the Lyric, Sympathetic, and Dramatic tone and technic work, each having its proper method.

Each method is for the special purpose of bringing out and developing the different inherent qualities of the voice, such as range, volume, flexibility, pitch, resonance, color, timbre, and for the interpretation of the lyric, sympathetic or emotional, and dramatic styles and forms of vocal music.

Careful attention is given to the art of relaxation, breathing, utterance, physical expression, tone attack, enunciation, pronunciation, etc.

Elementary Vocal Music

The rudiments of music, notation, solmization, sight-reading and elementary and chorus singing are included in this course. It is preparatory to the Voice Culture course and it is a desirable adjunct to all the other courses. The time required for its completion is usually two years for persons of ordinary talent.

STRINGED INSTRUMENT COURSES

MRS. ELLEN CRANDALL PLACE
MISS WILNA SOVERHILL

The practical studies in the violin course include technical exercises, major and minor scales in all positions; studies by Tuors, Kayser, Kreutzer, and Rode; pieces and concertos by classical and modern composers.

In the case also of the Viola and Violoncello, special attention is given to technical studies and the standard literature for each instrument.

OTHER INSTRUMENTS

Arrangements may be made for lessons on the pipe organ, flute, cornet, mandolin, and other instruments.

THEORETICAL COURSES

MISS ALBERTA CRANDALL

Harmony

This course embraces the study of Harmony, Single and Double Counterpoint, Choral Preludes, Free and Strict Imitation, Canon, Fugue, Musical Form, and practical work in Composi-

tion. Chadwick's *Manual of Harmony* and Treatises on *Counterpoint and Fugue*, are the text-books used.

For a pupil of ordinary ability the time required to complete this course is about five years on a basis of two lessons per week and three to four hours of daily study.

Theory of Music

The course in the Theory of Music embraces the fundamental principles of music and explains the laws of Acoustics, Musical Rhythms, Abbreviation and Signs, Embellishments, and Musical Form. The student is required to analyze Song-forms, Sonatas, Vocal, and Contrapuntal Forms. The course may be completed in one year and a small fee is charged per quarter.

History of Music

The course in the History of Music covers the ground of development from the earliest known beginning and development of Notations, Polyphony, Oratorio and Opera, as well as the invention and improvement of instruments. Brief biographies of the important composers of the different periods are included in the course. The course is taught in classes, and is free to all students of the School of Music.

ADDITIONAL PRIVILEGES

Sight Playing and Ensemble Classes

To aid students in the instrumental courses, classes in sight playing and for ensemble work are organized for practice in the playing of duos, trios, and work for the pianoforte and stringed instruments; also recitals are given from time to time as an essential means of training for students in these courses.

These adjuncts to musical training are free, and all students in instrumental courses are required to attend them. Those who are prepared to take allotted parts in the orchestra may receive the benefit of the weekly practice of the college orchestra.

Chorus Practice

The chapel choir, college chorus, and glee club afford an opportunity for students to obtain practice in chorus singing. The "Milton Choral Union" is an organization of musicians for the rehearsal of standard works. For the regular and satisfactory attendance of a member of this society during the season there is given a credit of one semester hour in college.

TUITION

The tuition in the School of Music is estimated as per half-semester, or quarter, of nine weeks.

Pipe Organ, one lesson a week	$13.50
Pianoforte, two lessons a week	14.00
The same, one lesson a week	7.50
Kindergarten, two lessons a week, in classes	4.50
Stringed Instruments, two lessons a week	14.00
The same, one lesson a week	7.50
Voice Culture, two half-hour lessons a week	13.50
The same, one half-hour lesson a week	9.00
Elementary Vocal Music, in classes	$1.00 to 2.00
Theory of Music	1.00
Harmony	7.50

Tuition is to be settled in advance at the beginning of each quarter. No reduction will be made to pupils who miss their lessons, except in the case of prolonged absence on account of sickness or other unavoidable circumstances.

MISCELLANEOUS INFORMATION

GENERAL EXPENSES

Degrees and Diplomas

Students who are graduated from the College receive the degree of Bachelor of Arts. The second or Master's degree is conferred upon graduates that have satisfactorily pursued literary, scientific, or professional studies for three years after graduation, or that have completed in any recognized university a course that is required in that university for an advanced degree. The charge for a diploma certifying a degree is $5.00.

Fees per Semester

Tuition in College Classes	$16.00
Tuition in Academy classes	12.00
Incidental Fee charged to all students	4.00
Fee for supervision of a study pursued outside of class, $1 to	5.00
Fee for special examination	1.00
Laboratory Fee in Biology, Chemistry, and College Physics, each	3.00
Gymnasium Fee, per semester, charged to all students	.50
Fee for Physical examination, first semester	.50
The same, second semester	.25

The rate of tuition of college students is increased one dollar per semester for each hour per week above sixteen (16) hours, and diminished one dollar per semester for each hour less than fifteen (15) hours.

The rate of tuition of academy students is increased one dollar per semester for each hour per week above twenty (20) hours, and diminished one dollar per semester for each hour less than fifteen (15) hours.

All fees are payable in advance. Before entering classes at the beginning of a semester, students are required to visit the Treasurer of the College and either settle their accounts or make arrangements for settlement of the same.

Rooms and Board

Rooms for women are furnished in Goodrich Hall with stoves, bedsteads, tables, and chairs. Beds and bedding with other furniture must be supplied by the students. The charge to each student is $8.00 per semester. An additional charge, usually $2.50 a semester, is made for electric light.

Students who wish to board themselves may hire convenient rooms in private houses at about the same rate. Rooms and board may be obtained in private families at from $4.00 to $5.00 a week. Table board in club or private family varies from $2.50 to $4.00 a week.

Estimated Expenses per Year

Tuition, Incidentals, and Fees	$ 35.00 to $ 55.00
Board at $2.50 to $4.00 per week	$ 90.00 to $150.00
Rooms at $6.00 to $8.00 per semester	$ 12.00 to $ 16.00
Fuel and Lights	$ 18.00 to $ 24.00
Laundry	$ 10.00 to $ 15.00
Text-books	$ 15.00 to $ 25.00
Sundries	$ 20.00 to $ 40.00
	$200.00 to $325.00

The minimum expenses for a year of thirty-six weeks to a student who boards himself are about $175; to one who boards in a club, about $200; and to one who boards in a private family, about $225.

Opportunities for Self Support

Industrious students, both men and women, can generally find opportunities in the village and vicinity, during semesters

and vacations, to earn sufficient funds to meet in part their expenses. A large number aid themselves in this way every year. The most of the graduates of the College have been students of limited means who earned their way by manual labor, by teaching in the public schools, or by engaging in other occupations.

Milton College offers a free scholarship for one year to the graduate having the highest honors in his class in each High School in the State of Wisconsin that requires a four years' course of study. A free scholarship for one year is also offered to the graduate having the highest honors in his class in such other High Schools in the neighboring states as its Board of Trustees may specially designate.

FREE SCHOLARSHIPS

Free scholarships for one year are also offered to the graduates of the Academy of Milton College, and to the students belonging to the Freshman, Sophomore, and Junior classes, each of whom shall have completed the year with the highest honors. Such scholarships are now held by Elizabeth Risk Lamb, Odessa Leola Davis, and William Dighton Burdick, graduates with the highest honors of the Academy of Milton Colllege, class of 1912; Helen Marie Cottrell, honor student of the Freshman class of 1912; Anna Mary Gurley, honor student of the Sophomore class of 1912; and Flora Eliza Zinn, honor student of the Junior class of 1912.

A plan has also been put into operation of granting a full free scholarship to that church, society, or individual that shall give one thousand dollars to Milton College as a permanent endowment fund, the interest of which is to be used for the payment of the tuition of the student whom such church, society, or individual may nominate. Students are now the beneficiaries of such scholarships, designated as follows:

The Mary F. Bailey Scholarship.

The Jennie B. Morton Scholarship.

The Ezra Crandall Scholarship.

The Salem College Scholarship.
The Class of 1907 Scholarship.
The Rev. Oscar Babcock Scholarship.
The Rev. Edwin Shaw Scholarship.

All scholarships include free tuition and incidentals, but not laboratory fees, board, room, or other expenses.

BUILDINGS

Milton College has five buildings devoted to various purposes. The Main Building contains the offices, the chapel, and many recitation and lecture rooms. The Whitford Memorial Hall contains the Library and the lecture rooms and laboratories for physics, chemistry, and biology. In this building also are the rooms for the gentlemen's literary societies. The other buildings are Goodrich Hall, the ladies' dormitory, containing a room for a ladies' literary society; the Auditorium Gymnasium, situated south of the buildings mentioned; and the President's Home on an eminence further south of the buildings. The campus fronts on College Street in the village of Milton.

EQUIPMENT

The Library

The College Library consists of what were originally the Daniel Babcock Library, the Orophilian Library, the Iduna Library and the Philomathean Library. These Libraries have been consolidated and are under the general management of the College Librarian, appointed by the Board of Trustees.

The Library now contains about 10,000 books and 500 pamphlets newly classified and provided with a dictionary card catalogue. There are also several hundred other pamphlets and volumes of unbound magazines.

Books or magazines may be borrowed by students and residents of Milton subject to the usual library regulations. The library is open every college week-day from 8:00 A. M. to 12:30 P. M., and from 1:30 P. M. to 4:30 P. M., except during the chapel exercises, that is from 10:30 to 10:55 A. M. It is also open to the public on Monday, Wednesday, and Friday afternoons during the summer vacation.

Apparatus

The Institution is well equipped with apparatus for the student's use in laboratory work in the several courses described under "Departments of Instruction." For the class in surveying, an excellent transit, a compass, a rod and a surveyor's chain are provided. The Chemical Laboratory in the south half of the second story of the Whitford Memorial Hall is well stocked with everything needful for complete work in both General and Analytical Chemistry. The Physical Laboratory is very conveniently located in the south half of the first story. The apparatus of this department has been recently very largely increased, the equipment being now full and complete, not only for the "First Course in Physics," but also for the advanced college classes. The Biological department in the second story over the Library is provided with the best Bausch & Lomb microscopes.

Cabinets

The cabinets illustrative of Mineralogy, Geology, and Paleontology, embrace over four thousand specimens, and exhibit fairly the materials and the formations of the rocks found in the state. There has been presented to the College the W. P. Clarke collection of stone and copper implements, some of which are rare types belonging to the different periods of the Prehistoric Age, found in the immediate vicinity, elsewhere in our country, and in foreign lands. The College has obtained and preserved over eighteen hundred species of plants, which grow principally

in this state. There have been gathered specimens of insects, fishes, birds, mammals, typical of the groups of animals to which they belong; and a room with convenient cases has been set apart for their exhibition and use. Special students of the College share in the collection and classification of type forms in the several departments.

ORGANIZATIONS CONNECTED WITH THE COLLEGE

The Literary Societies

These are four in number, the Orophilian Lyceum, the Philomathean Society, the Iduna Lyceum, and the Miltonian Lyceum. The first two are for men and the third and fourth are for women. All of these organizations hold their sessions on Saturday evening during the college year. At the end of each year, during Commencement Week, the societies present public programs. Excellent work has been done by each of these societies during the past year. Every student is urged by the faculty to become a member of some one of these organizations, because exceptional opportunities are offered to those who desire to improve in writing, in public speaking, in debating, and in a knowledge of parliamentary practice.

Christian Associations

The first religious organization of the College was established in 1856 for both men and women and continued so until May, 1907. At that time it was reorganized as a Young Men's Christian Association and a Young Women's Christian Association, both affiliated with the state and national organizations. They are absolutely non-sectarian in their organization and management. They hold three prayer and conference meetings a week during the college year. One of these is held on Friday evening and is open to both men and women. The other two meetings are held on Tuesday evening, one for men and the other for women. The associations usually hold three socials during

the year, viz.: one at the beginning of the year, the second near the end of the first semester, and the third just before the spring recess. At these socials music is rendered, papers are read, addresses are presented. An effort is also made to introduce new students to the older ones, and all are invited to join the associations.

The moral and religious influence of these organizations on the student body and on the spirit and life of the institution cannot be overestimated.

The Athletic Association

This organization is composed of all the students in the Institution, and has charge of all the athletic games and contests connected with it. The contests arranged by the Association are subject to the rules governing athletics. Tennis in the autumn and spring, basket-ball in the Gymnasium during the winter, and baseball in the spring, are the principal games. Early in June of each year the Asssociation holds the annual Field Day, at which records are made in the several field events. The officers of the Association this year are as follows:

President—J. N. Daland; Vice-President—J. S. Nelson; Secretary—Anna M. Gurley; Treasurer—E. J. McKean.

The Oratorical Association

This organization is composed of the members of the four Literary Societies, Iduna, Miltonian, Philomathean, and Orophilian, and the Faculty of the College. The officers are president, vice-president, secretary, and treasurer, chosen annually, one from each of the societies. These officers together with the President of the College and the Faculty of the English Department constitute an executive committee which has general charge of the business of the Association. Two contests are held each year, a declamatory contest in the autumn for the Academy students and an oratorical contest for the College stu-

dents shortly before the spring recess. Valuable prizes of money are given at each contest. The officers of the Association for the present year are:

President—A. L. Burdick; Vice-President—Helen M. Cottrell; Secretary—Grace D. Bonnell; Treasurer—E. J. McKean.

The Alumni Association

The Alumni Association of Milton College was organized in 1870, and its membership consists of those persons on whom the Institution has conferred honorary degrees, as well as those former students who have been graduated in all the courses of the College and of the old Academy. To this number should be added six distinguished former students who have been elected honorary members of the Association. This organization holds its annual meeting during Commencement Week and at this time a banquet is held. The officers of the Alumni Association for this year are:

President—Prof. D. N. Inglis, '05; First Vice-President—Miss Della E. Plumb, '09; Second Vice-President—Mrs. Mabel C. Sayre, '00; Third Vice-President E. E. Hurley, '12; Secretary-Treasurer—W. R. Rood, '03.

Commencement Week, 1913

June 13, Friday, 8 p. m., Sermon before the Christian Associations.

" 14, Saturday, 8 p. m., Joint Session of the four Literary Societies.

" 15, Sunday, 8 p. m., Baccalaureate Sermon.

" 16, Monday, 2 p. m., Annual Exercises of the School of Music.

" 16, Monday, 8 p. m., Commencement Exercises of the Academy.

" 17, Tuesday, 2:30 p. m., Annual Alumni Baseball Game.

June 17, Tuesday, 8 p. m., Shakespeare's "Twelfth Night," presented by the Literary Societies.

" 18, Wednesday, 2:30 p. m., Class Exercises.

" 18, Wednesday, 8 p. m., Annual Concert under the direction of the School of Music.

" 19, Thursday, 10 a. m., Commencement Exercises.

" 19, Thursday, 1 p. m., Alumni Luncheon, followed by a meeting of the Alumni Association.

" 19, Thursday, 8-11 p. m., Reception at the President's Home.

CATALOGUE OF STUDENTS

COLLEGE

Senior Class

Cecil Irma Crandall	Milton
John Norton Daland	Milton
Charles Ellis Dunn	Milton
Guy Earle Eaglesfield	North Loup, Neb.
Alva Edward Garey	Edgerton
Gladys Loulu Greene	Plainfield
Courtney Burchard Loofbourrow	Milton
Elwin Jackson McKean	Dodge Center, Minn.
Miriam Elizabeth Post	Chicago, Ill.
Flora Eliza Zinn	Farina, Ill.

—10

Junior Class

Frederic Irving Babcock	Edgerton, R. F. D.
George Herbert Crandall	Milton
Anna Mary Gurley	Milton
Marguerite Ingham	Fort Wayne, Ind.
Myron Lesley Langworthy	Dodge Center, Minn.
Julius Smith Nelson	Milton
Archie Irving Wentworth	Edgerton
George Albert White	North Loup, Neb.

—8

Sophomore Class

Harold Spencer Bingham	Milton
Ethan Lee Burdick	Milton
Helen Marie Cottrell	Milton Junction

William Dighton Burdick	Farina, Ill.
Percy Jay Crandall	Milton
Clifton Goldsmith Daland	Milton
Mabel Lewis	Stone Fort, Ill.
Harrison Morton Pierce	Alfred Station, N. Y.
Lester Ray Polan	Jackson, Center, Ohio
Ruth Stillman	Nortonville, Kans.
Robert William West	Milton Junction
Eleanor Wilbur	Milton
John Lyman Wood	Waterloo

—13

Freshman Class

Adelaide June Bartholf	Milton
Grace Daland Bonnell	Elizabeth, N. J.
William Kenworthy Bonnell	Elizabeth, N. J.
Nettie Arlene Borden	Milton
Allison Lovelle Burdick	Janesville
Elizabeth Belle Cartwright	Milton
Doris Louise Clarke	Edgerton
Elva Conrad	Elizabeth, N. J.
Oliver Lyle Crandall	Milton Junction
Stephanie Daland	Milton
Aster Fae Davis	Farina, Ill.
Odessa Leola Davis	Delmar, Ia.
William Everett Dodge	Iron River
Clifford Franklin Gesler	Bangor
Hazel Margaret Hull	Milton
Frances Marian Ingham	Fort Wayne, Ind.
Dora Maude Johnson	North Loup, Neb.
Paul Bartley Kelly	Nortonville, Kans.
Elizabeth Risk Lamb	Janesville, R. F. D.
Margaret Forrester McLay	Janesville, R. F. D.
Mary Elizabeth McLay	Janesville, R. F. D.
Fern Ella Perry	Milton Junction

Lloyd Arthur Perry	Milton Junction
Arthur Lester Pierce	Iron River
Anna Ensign Post	Chicago, Ill.
Kenneth Bowen Randolph	Milton
William Henry Richardson	Iron River
Clark Hull Siedhoff	Milton
Jessie Mildred Striegl	Milton Junction
Arlie Gertrude Thorngate	North Loup, Neb.
Carroll Benjamin West	Milton Junction

—31

Special Students

Rachel Ann Coon	Milton
Laura Lavina Godfrey	Milton
Ethel Mildred Saunders	Ashaway, R. I.
Agnes Willeta Vincent	Milton
Emma Lucy Wells	Milton
Mary Cecil Wentworth	Edgerton
Mary Beulah Whittet	Milton

—7

ACADEMY

Fourth Year

Robert McFarlane Barlass	Janesville, R. F. D.
Isabella Brown	North Loup, Neb.
Paul Llewellyn Fetherston	Milton
George Washington Ives	Milton
Ricardo M. Kellogg	Battle Creek, Mich.
Earl Dwight Maxon	Walworth
Grace Marie Runner	Larimore, N. D.
Nels George Sorensen	Dodge Center, Minn.
Zea Zinn	Farina, Ill.

—9

Third Year

Gladys Vera Cartwright	Chippewa Falls
Frank Gregory Hall	North Loup, Neb.
Ernest Ray McCartney	Milton, R. F. D.

—3

Second Year

James Henry Hadden	Janesville, R. F. D.
Robert Hadden Lamb	Janesville, R. F. D.
Charles Seymour Maxson	Milton
Catherine Jane McLay	Janesville, R. F. D.

—4

First Year

John Menzies Barlass	Janesville, R. F. D.
Frank Lawrence Greene	Plainfield
Francis Henry Hurley	Welton, Ia.
Henrietta Pauline Lewis	Stone Fort, Ill.
John McFarlane McLay	Janesville, R. F. D.
Frona Myrtle Smith	Grand Marsh
Harry Elno Talbot	Milton
Alverda Hope Van Horn	Welton, Ia.

—8

SCHOOL OF MUSIC

Harmony

Gladys Vera Cartwright	Chippewa Falls
Rachel Ann Coon	Milton
Aster Fae Davis	Farina, Ill.
Hazel Margaret Hull	Milton
Ethel Mildred Saunders	Ashaway, R. I.
Jessie Mildred Striegl	Milton Junction
Nellie May Wilcox	Milton

—7

Voice Culture

Adelaide June Bartholf	Milton
Allison Lovelle Burdick	Janesville
William Dighton Burdick	Farina, Ill.
Doris Louise Clarke	Edgerton
Philip Leslie Coon	Milton
Rachel Ann Coon	Milton
Percy Gordon Fenner	Milton
Paul Bartley Kelly	Nortonville, Kans.
Margaret Forrester McLay	Janesville, R. F. D.
Lena May Oursler	Nortonville, Kans.
Harrison Morton Pierce	Alfred Station, N. Y.
Anna Ensign Post	Chicago, Ill.
Kenneth Bowen Randolph	Milton
Clark Hull Siedhoff	Milton
Nels George Sorensen	Dodge Center, Minn.
Willis Stillman	Albion
Emma Lucy Wells	Milton
Mary Cecil Wentworth	Edgerton
Belle Whitford	Milton

—19

Piano

Clyde Ellsworth Arrington	Milton
Lottie Barnes	Milton
Louise Beard	Tyler, Texas
Beth Bingham	Milton, R. F. D.
Allison Lovelle Burdick	Janesville
Relda Louise Burdick	Milton
Mildred M. Campbell	Milton
Phyllis M. Campbell	Milton
Gladys Vera Cartwright	Chippewa Falls
Doris Louise Clarke	Edgerton
George Wayland Coon	Milton Junction
Marion Coon	Milton Junction

Rachel Ann Coon	Milton
Vera Evelyn Coon	Milton Junction
Aster Fae Davis	Farina, Ill.
Ruth Gifford	Milton
Lois Goodrich	Milton
Eva Rose Gurley	Milton
Almeda M. Hull	Roscoe, Ill.
Hazel Margaret Hull	Milton
Marion Hull	Milton Junction
Frances Marian Ingham	Fort Wayne, Ind.
Dorothy Geraldine Maxson	Milton
Katherine Maxson	Milton
Mabel McGowan	Milton Junction
Margaret Forrester McLay	Janesville, R. F. D.
Mary Elizabeth McLay	Janesville, R. F. D.
Bertha McWilliam	Milton
Margaret Owen	Milton Junction
Anna Ensign Post	Chicago, Ill.
Howell Randolph	Milton
Kenneth Bowen Randolph	Milton
Ethel Mildred Saunders	Ashaway, R. I.
Clark Hull Siedhoff	Milton
Hattie Stewart	Milton Junction
Hazel Stewart	Milton Junction
Jessie Mildred Streigl	Milton Junction
William Summers	Milton
Clifford Thomas	Milton
Bert Waterman	Milton
Mildred Waterman	Milton
Emma Lucy Wells	Milton
Kenneth Wells	Milton
Mary Cecil Wentworth	Edgerton
William Whitford	Milton
Beulah May Whittet	Milton
Nellie May Wilcox	Milton

Violin

Lawrence Babcock	Milton
Ruth Bingham	Milton
Nettie Arlene Borden	Milton
Goldie E. Davis	Milton
George Washington Ives	Milton
Violet Livingston	Milton Junction
Rolland Horatio Maxson	Milton
Earl Dwight Maxon	Walworth
Miriam Elizabeth Post	Chicago, Ill.
Doris Amelia Randolph	Milton
Violet Shadel	Milton Junction
Lorraine Stephen Summers	Milton

—12

Elementary Singing Class

Arlene Borden
Isabella Brown
Esther Crandall
Marian Ingham
Henrietta P. Lewis
Frona M. Smith
Jessie M. Striegl
Emma L. Wells
Beulah Whittet
William K. Bonnell
William E. Dodge
Clifford F. Gesler
James H. Hadden
George W. Ives
Robert H. Lamb
A. Lester Pierce
Kenneth B. Randolph
Carroll B. West
Robert W. West

MILTON COLLEGE ORCHESTRA

Mrs. M. H. Place, Director

First Violins
Earl D. Maxon
Rolland Maxson
Arlene Borden
Clifton G. Daland

Second Violins
Ruth Bingham
William K. Bonnell
Goldie E. Davis
Jessie M. Striegl

Viola
Miriam E. Post
Bass
M. M. Lanphere
Clarinet
William D. Burdick
Cornets
L. H. North
M. L. Langworthy
Violoncellos
William C. Daland
Clark H. Siedhoff
Flute
W. B. Maxson
Trombone
Percy J. Crandall
Piano
Rachel A. Coon

MILTON CHORAL UNION

Alfred E. Whitford, Director

Sopranos

Mrs. J. C. Anderson
Adelaide Bartholf
Grace D. Bonnell
Elva Conrad
Rachel A. Coon
Mrs. W. K. Davis
Laura L. Godfrey
Gladys L. Greene
Anna M. Gurley
H. Margaret Hull
Mrs. E. W. Hull
Mrs. Lillian B. Hume
F. Marian Ingham
Mrs. D. N. Inglis
Mary E. McLay
Hannah Nelson
Lena M. Oursler
Miriam E. Post
Agnes W. Vincent
M. Cecil Wentworth
Emma L. Wells
Mrs. J. F. Whitford
Edna Wiegand
Mrs. J. S. Greene

Altos

Mrs. J. H. Babcock
Doris L. Clarke
Kittie Cole
Mrs. A. R. Crandall
Cecil I. Crandall
Aster F. Davis
Mabel Lewis
Margaret F. McLay
Harriet L. Oursler
Anna J. Plumb
Anna E. Post
Mrs. W. R. Rood
E. Mildred Saunders
Flora E. Zinn

Tenors

Allison L. Burdick
William D. Burdick
Dayton B. Coon
Percy J. Crandall
William K. Davis
George W. Ives
Myron L. Langworthy
Julius S. Nelson
Harrison M. Pierce
Chester M. Rasmussen
George O. Sayre
Welcome S. Wells

Basses

William K. Bonnell
Philip L. Coon
George H. Crandall
William E. Dodge
Charles E. Dunn
Guy E. Eaglesfield
Ernest W. Hull
D. N. Inglis
Paul B. Kelly
A. Lester Pierce
L. Ray Polan
Kenneth B. Randolph
W. Ray Rood
Leman H. Stringer

SUMMARY OF THE CATALOGUE OF STUDENTS

College

Senior Class	10
Junior Class	8
Sophomore Class	13
Freshman Class	31
Special Students	7
Total	69

Academy

Fourth Year	9
Third Year	3
Second Year	4
First Year	8
Total	24

School of Music

Harmony	7
Voice Culture	19
Piano	47
Violin	12
Singing Class	19
College Orchestra	18
Choral Union	64
Total in the School of Music counted once	127
Total in the School of Music not in the College or in the Academy	70
Total in the Institution	163

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Catalogue of

MILTON COLLEGE

1913-1914

MILTON COLLEGE GLEE CLUB

Catalogue of

MILTON COLLEGE

1913-1914

CALENDAR FOR YEAR 1914-'15

1914

Sept. 7-9, Monday-Wednesday, 9 a. m., Registration.
" 10, Thursday, First Semester begins.
Nov. 26-29, Thanksgiving Recess.
" 30, Recitations resumed.
Dec. 23-Jan. 5, Christmas Recess.

1915

Jan. 6, Wednesday, Recitations resumed.
" 21, Thursday, Day of Prayer for Colleges.
" 18-22, Registration for Second Semester.
" 26-29, Tuesday-Friday, Final examinations.
" 29, Friday, First Semester ends.
Feb. 1, Monday, Second Semester begins.
Mar. 18, Thursday, 8 p. m., Oratorical Contest.
" 24-30, Spring Recess.
May 30, Memorial Day.
" 31, Recitations resumed.
June 9-11, Wednesday-Friday, Final examinations.

COMMENCEMENT WEEK

June 11, Friday, 8 p. m., Sermon before the Christian Associations.
" 12, Saturday, 8 p. m., Joint Session of Literary Societies.
" 13, Sunday, 8 p. m., Baccalaureate Sermon.
" 14, Monday, 2 p. m., Annual Exercises of the School of Music.
" 14, Monday, 8 p. m., Commencement Exercises of the Academy.
" 15, Tuesday, 8 p. m., Shakespearean Play, presented by the Literary Societies.
" 16, Wednesday, 2:30 p. m., Class Exercises.
" 16, Wednesday, 8 p. m., Annual Concert under direction of the School of Music.
" 17, Thursday, 10 a. m., Commencement Exercises.
" 17, Thursday, 1 p. m., Alumni Luncheon.
" 17, Thursday, 3 p. m., Meeting of the Trustees and Alumni, or of the Alumni Association.
" 17, Thursday, 8-11 p. m., President's Reception.

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Office expires in 1914

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BENONI I. JEFFREY, Milton
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*Committee of the Faculty, appointed by the Board of Trustees.

FACULTY

WILLIAM CLIFTON DALAND, M. A., D. D., President, Professor of the English Language and Biblical Literature.

B. A., Brooklyn Polytechnic Institute, 1879; Student, Union Theological Seminary, New York City, 1883-'86; M. A., Alfred University, 1887; D. D., Milton College, 1896; D. D., Alfred University, 1903; Organist and Teacher of Music, Elizabeth, N. J., and Brooklyn, N. Y., 1874-'86; Pastor, Leonardsville, N. Y., 1886-'91; Pastor, Westerly, R. I., 1891-'96; Pastor, London, England, 1896-1900; Pastor, Leonardsville, N. Y., 1900-'02; President, Milton College since 1902. Published The Song of Songs, translated from the Hebrew, with notes, 1st edition, 1887; 2nd edition, 1888.

ALBERT WHITFORD, M. A., Professor Emeritus of Mathematics and Astronomy.

WALTER DAVIS THOMAS, M. A., Professor of Greek Language and Literature.

Graduate, Union Academy, Shiloh, N. J., 1873; Teacher Public Schools, 1873-'84; B. A., Milton College, 1884; M. A., Milton College, 1887; Professor, Greek Language and Literature, Milton College, since 1884; Graduate Student, Special work in Greek, Summer Term, University of Chicago, 1897; Student in Greek and History, Summer Sessions of University of Wisconsin, 1901 and 1903.

ALFRED EDWARD WHITFORD, M. A., Professor of Mathematics and Physics.

B. A., Milton College, 1896; M. A., Milton College, 1901; M. A., University of Wisconsin, 1911; Assistant Principal, Waupun High School, Waupun, Wis., 1896-'97; Principal, Milton Public School, 1897-'99; B. A., University of Chicago, 1900; Graduate student in Physics, University of Chicago, 1900-'01; Professor of Physics and Assistant in Mathematics, Milton College, 1901-'10; Assistant in Mathematics, University of Wisconsin, 1910-'11; Professor of Mathematics and Physics, Milton College, since 1911.

Note—With the exception of the President, professors are named in the order of their appointment.

ALBERT ROGERS CRANDALL, M. A., Ph. D., Professor of Natural History and Physiology.

B. A., Milton College, 1873; M. A., Milton College, 1876; Ph. D., Milton College, 1885. Entered the Academic Department of Alfred University in 1858. His studies were interrupted by the Civil War. After nearly two years and a half of service in two enlistments, he was mustered out with the rank of First Lieutenant. After studying three years at Milton College and teaching one year as principal of Big Foot Academy, Walworth, Wis., was special student in the Museum of Comparative Zoology at Harvard University during five years, taking special studies in geology, paleontology, and zoology with botanical studies at the Botanical Garden, and also art studies for one year at the Boston Lowell Institute Evening School. During these years the long summer vacations were spent in field studies as a collector for the Museum of Comparative Zoology. These studies were extended over parts of Rhode Island, Massachusetts, and Maine; to the Ottoway region in Canada; to western New York, and along the Appalachian belt from the Catskills to Northern Georgia and Alabama. Appointed Assistant of Prof. N. S. Shaler of Harvard University in the work of the Kentucky Geological Survey, 1873. Instructor in the Department of Natural History of the Agricultural and Mechanical College of Lexington, Kentucky, 1873-'74. Three years later was appointed Professor. Instructor in the Summer School of Geology organized by Professor Shaler at Cumberland Gap, Kentucky and Virginia, in 1875. Continued work on the Geological Survey in conjunction with his duties as professor of Natural History until 1893. Professor of Natural History in Alfred University, 1896-1903. Professor, Natural History, Milton College since 1903. Formerly fellow of the American Association for the Advancement of Science and of the Geological Society of America. Member of the Advisory Council on Religious Congresses in connection with the World's Columbian Exposition, Chicago, 1893. Among his published works are reports on the Geology and Botany of Eastern Kentucky, Vols. 1, 2, and 4, second series, and Vol. C of later reports, besides many papers and addresses.

ALBERT WESLEY KELLEY, Ph. D., M. D., Sc. D., Professor of Chemistry.

B. S., Union College, 1876; Ph. D. (in course), Otterbein University, 1892; M. D., College of Medicine and Surgery, 1896; Sc. D., Adrian College, 1906. Professor of Natural Science, Fostoria College, 1879-'86; Professor of Chemistry and Biology, Battle Creek College, 1886-'99; Professor of Chemistry and Biology, Union College, 1899-1901; Dean and

Professor of Chemistry, Adrian College, 1901-'06; Professor of Natural History and Agriculture, Alfred University, 1906-'07; Special Lecturer in Medical Chemistry and Bacteriology, College of Medicine and Surgery, 1893-1907. Professor of Chemistry, Milton College, since 1908.

DAVID NELSON INGLIS, M. A., Professor of Romance Languages.

B. A., Milton College, 1905; M. A., University of Wisconsin, 1908; Principal of Graded School, Marquette, Wisconsin, 1905-'07; Student, University of Wisconsin, 1907-'08; Assistant in Romance Languages, University of Wisconsin, 1908-'10. Professor of Romance Languages, Milton College, since 1910.

LEMAN H. STRINGER, B. A., Professor of Public Speaking, Instructor in Voice and Physical Training.

B. A., Milton College, 1909; Teacher, West Allis High School, 1909-'12; Professor of Public Speaking, Milton College, since 1912.

HARRIS MERRILL BARBOUR, M. A., Professor of Philosophy and History.

B. A., Brown University, 1906; B. D., Newton Theological Institution, 1909; Minister, Arlington Heights, Mass., 1909-'11; Graduate Student and Assistant in Philosophy, Brown University, 1911-'13; M. A., Brown University, 1913; Professor of Philosophy and History, Milton College, since 1913.

Mrs. ANNA SOPHIA CRANDALL, M. A., Instructor in German Language and Literature.

B. A., Milton College, 1881; M. A., Milton College, 1885; Instructor, German Language and Literature, Milton College, 1881-'82; Student in Hebrew Language and Literature at Morgan Park Baptist Theological Seminary, 1882-'86; Studied German in Berlin, Germany, 1899-1900; Instructor, German Language and Literature, Milton College, since 1900.

Miss MARY MARGARET SWINNEY, B. A., Instructor in Latin and English.

B. A., Milton College, 1908; Teacher, Walworth High School, 1908-'10.

Instructor in Latin and Assistant in English, Milton College, since 1910.

Miss MABEL MAXSON, M. A., Instructor in English Literature.

B. A., Milton College, 1911; M. A., University of Wisconsin, 1912; Instructor in English Literature, Milton College, since 1912.

Miss EDNA MARTHA WIEGAND, B. A., Instructor in Latin.

B. A., 1911, Lawrence College; Instructor in Latin, Milton College, since 1911.

MISS ALBERTA CRANDALL, Instructor in Piano Playing.

Student, Milton College and School of Music, 1893-'98; Certificate Pianoforte Course, 1908; Student and Teacher of Piano, Alfred University 1898-1901; Special student under Dr. W. S. Matthews of Chicago, 1901; Student, New England Conservatory of Music, Boston, Massachusetts, 1902-'03; Student, New England Conservatory of Music, pupil of Carl Baermann, 1907-'08. Instructor in Piano Playing, Theory, and History of Music, Milton College, since 1903.

Miss WILNA SOVERHILL, Instructor in Violin Playing.

Miss MABEL MAXSON, M. A., Librarian.

Prof. A. E. WHITFORD, M. A., Registrar.

GENERAL INFORMATION

Milton College is situated in the village of Milton, Rock County, Wisconsin, on the Prairie du Chien division of the Chicago, Milwaukee and St. Paul Railway, and at the Junction of this division with the Mineral Point branch, which unites at Janesville with two other lines of that railroad going to Chicago. One mile west of the village, the Prairie du Chien division crosses at Milton Junction the Janesville, Watertown and Fond du Lac line of the Chicago and Northwestern Railway. By these great thoroughfares, direct access is secured several times a day to the principal parts of the Northwest.

The institution was first opened as a Select School in the village of Milton in the year 1844. In the year 1848 it was incorporated as Du Lac Academy, which in 1854 was reorganized under the name of Milton Academy. In April, 1867, by an act of the State Legislature, it was created Milton College, under which name and style it has since been carried on as a college of liberal arts, with a preparatory department, now called the Academy of Milton College, and a School of Music.

The moral and religious influences of the community about the institution are unsurpassed. The village has always been free from the haunts of idleness and dissipation, and is still one of the safest in these respects where young men and women may attend school. Its inhabitants have had long experience in association with students, and have from the beginning exercised the most kindly feelings and thoughtfulness in assisting them in their work, and in encouraging them to acquire a thorough and liberal education.

AIMS OF THE INSTITUTION

Milton College has won its favorable reputation and maintained its usefulness by the steady and earnest pursuit of the following ideals:—

1. It has been from the first co-educational, offering all its advantages equally to men and women.

2. Encouragement and opportunities of self-support are always given as far as possible. It is possible for industrious students to earn enough to help them pay a large part of their expenses. Nevertheless it is unwise for a new student to depend upon obtaining work at once. It is desirable that such coming for the first time have sufficient funds to pay his expenses for at least one semester, or one half the college year.

3. While students are admitted at any time, and may choose any studies offered either in the academy or the college, which they are qualified to pursue, they are nevertheless advised to select definite courses of study and pursue the same consistently. They are also advised to enter at the beginning of the college year and continue their studies through one year at least. This is especially urged upon students who have to interrupt their studies in order to earn money for their expenses. It is better to spend a year in earning money and then attend college for a year than to spend a part of each year in study and another part in earning money.

4. From the first, Milton College has aimed to secure thoroughness in all the student's work and sound preparation at every stage of education as a basis for further advancement.

5. The system of discipline enforced has as its aim the following ends: First, to secure excellent proficiency of the student in his classes; second, to aid him in the formation of those habits of life which will insure success, and to develop those traits of character which will render him self-reliant, courteous, law-

abiding, and upright. The sentiments of personal honor and goodwill are called into action in securing good order among the students; and appeals are made to one's sense of duty in supporting rightful authority and in maintaining the high character of the institution.

6. While the teachers try by precept and example to inculcate the principles of the Christian religion, no sectarian tenets are taught. Daily chapel exercises are held; regular weekly prayer meetings are sustained by the students themselves, who are encouraged to attend divine services of some church of their choice; any religious truth, not of a denominational character, may be explained in the ordinary recitations and in the devotional exercises, when occasion seems to demand such explanations.

GOVERNMENT OF THE STUDENTS

I. Terms of Admission

1. No person is admitted to a class until matriculated as a student and duly registered at the office for the study in question. Days are appointed for this purpose at the beginning of each semester, although students may, if necessary, be admitted at other times.

2. Admission to the Freshman class of the College is in accordance with the entrance requirements as stated on pages 21 and 22.

3. Admission to the classes of the Academy is in accordance with the standing of the student, determined either by examination or by credited standings from other schools.

4. Students in the School of Music are subject to the judgment of the instructors as to their qualifications.

5. Students in the School of Music and those pursuing special courses must conform as well as others to the general rules and regulations.

6. Applicants for admission from other institutions must present certificates of dismission in good standing when required to do so.

II. General Government

1. The general oversight of the deportment and studies of the students is assigned by the Trustees of the college to the Faculty, of which the President is the executive officer. An appeal from any decision or arrangement of his, as well as any request for any special or general favor, may be made through him directly to the Faculty.

2. Students matriculating and taking up studies in any courses are regarded as pledging themselves to obey the following rules and regulations, and any others that may be made by the Faculty or Trustees.

III. Regulations Concerning Studies

1. All charges for tuition and other fees must be paid in advance. No deduction in these will be made for an absence of less than half a semester. No student will be admitted to any class until his fees for the semester have been paid or until satisfactory arrangements have been made with the treasurer for payment at a later time.

2. After a student is admitted and his studies are registered at the office, no change in these will be allowed without the permission of the President.

3. Any student who desires to pursue a study outside of a class and receive credit therefor must first obtain special permission from the faculty. Such work must be carried on under the supervision of the professor in charge of the department in which the study is pursued. The fee for such supervision is noted in the table of fees under "Miscellaneous Information," and must be paid with the other fees at the office.

4. Regular study and punctual attendance upon all recitations and prescribed exercises are required of all students. All students are expected to attend the daily chapel exercises. Any college student who during any semester is absent from chapel exercises to the number of one in ten of the whole number will be required to take two semester-hours' additional work in his course toward his degree. Any academy student similarly absent will be required to do additional work toward graduation to the amount of one half unit.

5. Professors and instructors may deduct one unit on a scale of one hundred from a student's standing for a semester in any study for each unexcused absence from a class exercise in that study. All applications for excuses for absence from recitations shall be made to the President, in advance if possible, and such excuses when so obtained shall be filed with the proper instructor. Blanks for this purpose are provided at the office.

IV. Student Activities and General Deportment

1. At the beginning of each college year there is formed a Student Council, consisting of ten representatives, one from each college class, one from each of the four literary societies, and one from each of the two Christian Associations. This council may be called by the President of the college when he desires the co-operation or advice of the student body in regard to any matter of policy or of discipline. These rules and regulations are either such as have been in force for many years or else such as have been made with the co-operation of the student council.

2. To assist in the regulation of student activities each college class, at the beginning of the year, chooses a class adviser from the members of the faculty. The class adviser represents the faculty in dealing with the class and is the advocate of the class in dealing with the faculty.

3. All public meetings, entertainments, or social gatherings of the students are held subject to the approval of the President. But to assist in the regulation of the number of public college functions, the President's approval must be obtained before any public meeting is announced or any date set for the same. A bulletin of approved college functions will be posted at the college every Friday morning for the following week.

4. All social college functions must have chaperons approved by the faculty. All evening meetings of academy classes or all meetings of these classes for social purposes must have chaperons approved by the faculty. The chaperonage of evening or social meetings of college classes is left to the discretion of the class adviser.

5. General college functions should not be held later than half past ten o'clock.

6. Students who do not live with parents or guardians and who have occasion to leave the village should obtain permission to do so from the President.

7. Profane and obscene language at all times and gambling

in all forms are forbidden.

8. Students convicted of using intoxicating liquors, except by order of a physician, shall forfeit their standing in the institution.

9. Students are prohibited from using tobacco on the grounds or in the buildings of the institution.

V. Rules Governing Goodrich Hall

1. The Hall will be closed at ten o'clock in the evening.

2. Young ladies who are obliged for any reason to be out in the evening are expected to make an arrangement for their absence with the preceptress and must not remain out later than ten o'clock unless such arrangement is perfectly satisfactory to the preceptress.

3. The young ladies are expected to refrain as far as possible from visiting each other in their rooms during the hours devoted to college recitations. They are asked to discourage visits during these hours.

4. Gentlemen visitors are not allowed at all in the young ladies' rooms, but may be received in the reception room at proper times, subject to any arrangement the preceptress may see fit to make. This regulation is not intended to apply to parents or guardians nor in case of parties given subject to the approval of the preceptress.

5. Parties or other entertainments in the Hall may be given only subject to the approval of the preceptress.

VI. Rules Governing Athletics

1. All athletic affairs are under the supervision of the Faculty Committee on Supervision of Athletics, which is appointed by the Trustees and acts in consultation with the President of the college. The immediate control of the Gymnasium is assigned to the Physical Director.

AUDITORIUM-GYMNASIUM

2. No games or sports of any kind are permitted on any part of the campus or in the gymnasium on either the Seventh or First days of the week, except that the gymnasium may be used for public games on Saturday evening, but not on Friday evening.

3. No playing of any kind or athletic practice of any kind shall be carried on in the vicinity of the buildings in which classes are held between 8 a. m. and 12:30 p. m. or between 1:30 and 4 p. m. But the tennis courts may be used from 12:30 p. m. till dusk, although not from 8 a. m. to 12:30.

4. The gymnasium is regularly open after 3:00 p. m. each school day and is closed not later than 7 p. m.

5. In arranging schedules of games the manager of every team shall consult with the chairman of the Faculty Committee on Supervision of Athletics.

6. A team may not play more than one regularly scheduled game per week, except in the case of a single trip to two or three institutions situated near together, and as far as possible games away from home should alternate with games at home.

7. Students pursuing regular studies to the amount of ten recitation periods a week in either college or academy are eligible to represent the institution in athletic contests, provided they have been registered at the beginning of the semester during which the contests are held; except that no student is allowed to play on any team who has done unsatisfactory work for two consecutive weeks. Further, no student who is pursuing studies in another institution that has an athletic team is allowed to play on a similar team representing Milton College.

VII. Requirements and Regulations Concerning Gymnasium Work

1. Gymnasium classes are to begin their work on or about October 1 each year and continue while college is in session until

April 1. This shall be considered a year's work. The remainder of the year is to be given over to tennis, baseball, track athletics and the like.

2. Two years of gymnasium work shall be required of all students during their college course, unless they are exempted therefrom as hereinafter provided.

3. No student shall be exempt from gymnasium work unless by advice of the Medical Director or upon the certificate of an employer showing that the work in the gymnasium interferes with the earning of a livelihood. Reasons for exemption shall all be presented to the Medical Director, who, in case the grounds for exemption are sufficient will give a written permit for exemption to be presented to the Physical Director.

4. No student shall receive credit for a semester's work in the gymnasium unless he attends seventy (70) per cent of the class periods for that semester.

5. A year's work shall consist of two periods per week from Oct. 1 to Apr. 1. Men's classes are usually held on Mondays and Wednesdays; Women's classes, on Tuesdays and Thursdays.

6. Gymnasium costume for women shall consist of middy blouses and full bloomers. All suits shall be of uniform pattern, color, and material; they shall all be approved by some person to be designated by the Committee on Supervision of Athletics.

7. No student shall be allowed to wear gymnasium costume outside the gymnasium except as permitted by the Physical Director.

8. Rules concerning the use of the Gymnasium and behavior in the building are posted in the building itself and must be obeyed.

VIII. Rules Respecting Examinations

1. Besides the final examination held at the close of each semester, frequent written tests are held during the semester; from an average of the student's standings in these examinations

as well as from his standings in daily recitations the final standings are determined.

2. No student whose absence from recitations or other exercises in a given study reaches a total of ten per cent of the whole number of class exercises in that study in a given semester will be allowed to take his final examination in that study except by special permission of the faculty, which permission shall be obtained by petition of the student so absent. In computing such percentage excused as well as unexcused absences shall be counted, and an absence on the first day of a semester or the last day before a recess or the first day after a recess shall be counted as two absences.

3. College seniors whose class standings are above ninety per cent during the second semester may be excused from taking final examinations in June.

4. In order to receive credit for any study a student must reach an average standing of at least seventy on a scale of one hundred. A student whose final standing in any college study is sixty-five per cent or more, but below the passing grade, is conditioned in that study and may at an appointed time within a year take an examination to remove the condition.

5. A student failing without excuse to take a written test in any class will not be allowed to continue in that class until he has complied with his duty, and a student failing to take the final examination in any study will not be allowed to register for a subsequent semester unless by special permission of the Faculty he arranges to take the examination in question.

6. For every special final examination—that is, for every final examination held for the benefit of a single student—a fee of one dollar is charged. See table of Fees.

IX. Arrangements Respecting Graduation

1. A student completing satisfactorily the studies in any one of the courses of the academy is graduated in that course, and

receives a diploma certifying the fact.

2. Students having completed the studies in any one of the courses in music, (pianoforte, violin, viola, violoncello, vocal music, voice culture, or harmony) together with the studies in any one of the courses of the academy or their equivalent, will be entitled to receive certificates of graduation in such course.

3. Students who are graduated from the college receive the degree of Bachelor of Arts.

X. Use of the Library

1. The oversight and control of the Library of Milton College and of all arrangements in connection with the use of the Library and Reading Room is assigned to the Librarian, who is appointed by the Trustees and acts in consultation with the President of the college.

2. Special regulations concerning the use of the Library are posted in the Library itself. See also in this catalogue pages 62 and 63.

ENTRANCE REQUIREMENTS

Every student who enters the Freshman class must offer fifteen (15) entrance units. The term unit means the equivalent of five recitations a week for one year in one branch or closely allied branches of study. These shall be as follows:

Mathematics (algebra 1, geometry 1)	2 units
English	3 "
History (ancient history 1, or medieval and modern history 1, or United States history 1, or English history 1)	1 "
Science (botany 1, or botany and physical geography 1, or chemistry 1, or physics 1, or physiology or physical geography 1, or zoology 1)	1 "
Language (Latin 4, or two languages each 2)	4 "
	11 units

Any four units from the following:

One language	1 or 2 units
English	1 or 2 "
History	1, 2, or 3 "
Civics and economics	1 "
Mathematics	1 "
Science	1, 2, or 3 "
Optional subjects	1 "

If one unit only of language is offered in addition to the language included in the first list of eleven units, it must not be first year work in any language.

Students who can offer only two units of language, but who have enough other credits to make up the full fifteen (15) units, will be admitted to the freshman class, provided that they take two years of another language in the Academy of Milton College, for which ten (10) semester-hours' credit will be given on their free electives in the college course, except in the case of Greek, for which sixteen (16) semester-hours' credit will be given, and in case of French, pursued in the college, for which twenty (20) semester-hours' credit will be given.

Sixteen semester-hours' credit may be given for Cicero and Virgil pursued by college students fully prepared in language.

The description of courses under "Studies in the Academy" constitutes a detailed statement of the most of the entrance requirements and may furnish to those who are planning their high school courses suggestions as to what Milton College considers the preparation that will enable them to pursue their college studies to the best advantage.

Admission

Students who are graduates of any high school or academy which is on the accredited list of preparatory schools published by the University of Wisconsin will be admitted to the college upon the presentation of a certificate signed by the principal showing the satisfactory completion of the fifteen (15) required units as shown under "Entrance Requirements." Other students desiring to enter the college will furnish certificates of work done in their respective preparatory schools, and may be called upon to submit to entrance examinations in part or in all of the subjects offered for entrance from the school in question. When, as sometimes happens, such students are conditioned in one or more subjects, they are allowed to make up their conditions in the Academy of Milton College. Blank forms for use in making out certificates may be obtained from the Registrar of the College.

The statements concerning work required for admission to

college are to be interpreted in the light of the general principle that what the college seeks in those who come as freshmen is ability to do well the work of the college course. The statements set forth what in general the faculty believes to be the preparation that is most likely to secure this ability. But a preparatory course well and thoroughly pursued by a student of ability, even though that course may lack certain of these requirements, is likely to insure better work in college than a preparatory course complete in every respect, but pursued superficially and carelessly by an indifferent student. Nevertheless, the foregoing statements are those that best express the judgment of the faculty of Milton College, in view of the courses usually offered in high schools.

Additional Test

In the eleven required units mentioned are three units of English. This represents what the faculty thinks desirable. But students may be admitted with two units of English, provided that their course is otherwise complete, comprising fifteen units.

Beginning, however, in September, 1914, an additional test will be imposed upon students who offer themselves for entrance. This test will be with a view to discover their ability to think consecutively and clearly and to express their thoughts in correct and appropriate language. Those who satisfactorily pass this test will be admitted to the regular freshman work in English. Those who are not successful will not enter the freshman English class, but will be assigned to a preparatory class in English for one year. For the work of this class they will receive no credit on their college course. But they will have to complete this preparatory course before they take the regular freshman English work. Hence it will be readily seen that it will be impossible for a student who fails in this test to finish all of his freshman work in a year from the time he enters college.

General Statement

The unit upon which as a basis college courses are com-

puted is the semester-hour, which is equal to one hour of recitation or lecture per week for one semester. Two hours of laboratory work receive credit as one semester-hour. Students are expected to take sixteen (16) hours per week in recitations, lectures, and laboratory work, making thirty-two (32) semester-hours per year, and one hundred and twenty-eight (128) for the course. No student will be permitted to receive toward graduation credit of more than eighteen (18) semester-hours in one semester in regular studies except by permission of the faculty obtained in advance. Such permission will not be granted in any year to a student whose average standing during the preceding year has not reached ninety per cent. A student whose average standing during any year fails to reach eighty per cent will not be permitted during any following semester to receive credit for more than twelve (12) semester-hours until he has attained a standing of at least eighty-five per cent.

Required Work

The required work by years is as follows:

Freshman year	
English 3 hours per week	6 s.-h.
Mathematics 3 hours per week	6 s.-h.
Two languages each 5 hours per w'k	20 s.-h.
	32
Sophomore Year	
History 3 hours per week	6 s.-h.
Psychology 3 hours per week	6 s.-h.
Natural science 5 hours per week	10 s.-h.
Elective 5 hours per week	10 s.-h.
	32

Junior Year		
	Logic and philosophy 3 hours per w'k	6 s.-h.
	Public speaking 2 hours per week*	4 s.-h.
	Elective 11 hours per week	22 s.-h.
		32
Senior Year		
	Ethics 2 hours per week	4 s.-h.
	Elective 14 hours per week	28 s.-h.
		32
Total for the course		128

Of the two languages pursued in the freshman year one must be a continuation of a language offered for entrance. The student may take his natural science in the freshman year and then defer the second language till the sophomore year. This is recommended to those taking science as a major. The second language may be freely chosen, but the first year's work in any language will not be accepted as fulfilling the requirement of the second language until the second year's work in that language is taken.

Major Study

The studies of the college courses are divided into three groups as follows:

I. Language and Literature.
II. History, Social Science and Philosophy.
III. Natural Science and Mathematics.

At the beginning of the sophomore year, a candidate for a baccalaureate degree must, with the advice of the President, choose a major subject from one of the above groups and a minor subject from another department of the same group; provided, however, that a suitable language may be chosen as a

*Public speaking may be taken in the sophomore year in addition to the other work; this is advised if the student can arrange time for it then.

minor subject in connection with any major and that mathematics may be chosen as a major subject in connection with a minor in either group I. or group II. He will be required to do not less than twenty (20) semester-hours in his major subject and not less than ten (10) semester-hours in his minor. Studies to be counted toward work in the major and minor subjects are allowed only according to the judgment of the professor in charge of the work in question. The electives of the sophomore year should be devoted to the major subject.

Electives for the Sophomore Year

I	II	III
Latin	Economics	Conics and Surveying
Greek	Advanced Civics	Analytics
French	History of Education	Biology
Spanish		Chemistry
German		Physics
Sophomore Composition		
Anglo-Saxon and Middle English		
English Literature		

Electives for the Junior and Senior Years

I	II	III
Latin	History	Conics and Surveying
Greek	Economics	Analytics
French	Advanced Civics	Calculus
Spanish	History of Philosophy	Astronomy
German	History of Education	Biology
Old and Middle High German	Pedagogy	Zoology
Old Saxon		Botany
Gothic		Physiology
Anglo-Saxon		Geology
Middle English, etc.		Chemistry
English Literature, etc.		Physics

Degrees

All graduates from Milton College receive the degree of Bachelor of Arts.

Orations

Each student in the sophomore and junior year is required to produce an oration. These orations must be finished and handed to the President before the Christmas recess. They must be delivered either in the annual contest of the Oratorical Association of the college, or in one of the preliminary contests, or in some public exercise arranged by the faculty and held on a date earlier than that of the annual contest.

Theses

A thesis on some subject connected with the major study is required of every student for graduation for which four (4) semester-hours' credit is given in the senior year. Theses must be typewritten and furnished for the college library by the Friday before Commencement. Diplomas will be withheld from students that fail to comply with this requirement.

Teachers' Certificates

According to recent legislation all applications by college graduates for life certificates to teach in the state of Wisconsin are to be considered solely upon their merits. Any graduate desiring to obtain such a certificate must file an application setting forth the studies he has pursued, duly certified by the college from which he is graduated. He may then be required to take an examination in certain subjects. If the application is satisfactory and the examination is duly passed, a certificate will be granted after two years' successful experience in teaching and the maintenance of a good moral character.

DEPARTMENTS OF INSTRUCTION

English

1 Freshman English.

Lectures on English composition. Exercises in paragraph and theme writing, directed toward the formation of an effective prose style. Text-books: Linn's *Essentials of English Composition* and *Illustrative Examples of English Composition.* Required of all college students in the freshman year. *Three hours a week throughout the year.*

Note—The work in this course consists of the following parts:

a) Class exercises or lectures three times a week.

b) Short themes twice a week.

c) Weekly translations from a foreign language.

d) Longer bi-weekly themes based on the required readings.

e) Required readings: (1) A book of general reading and a standard novel, (2) Winchester's *Principles of L erary Criticism*, (3) Matthew Arnold's *Essays in Criticism*, selected.

2 Sophomore Composition.

Narrative composition. During the recitation hour the class will take up the study of the American short story. Compositions will be required once a month. Elective. *Two hours a week throughout the year.*

3 Elementary Anglo-Saxon.

An elementary course with a view to the mastery of the grammar and the reading of normal West Saxon prose, especial attention being given to the derivation of words. Text-book, Cook's *First Book in Old English*, supplemented by selections from Bright's *Anglo-Saxon Reader*, according to the needs of the class. Required of those who take English as a major study. *Three hours a week in the first semester.*

4 Advanced Anglo-Saxon.

Further study of the grammar with especial attention to

difficult forms and to syntax. Study of poems with extensive cursory reading of early and late West Saxon prose. Text-book, Bright's *Anglo-Saxon Reader*, with references to Cook's Sievers' *Old English Grammar* and March's *Comparative Grammar of the Anglo-Saxon Language*. Open to those who have taken course 3. *Three hours a week in the second semester.*

5 Anglo-Saxon Dialects.

A study of the Northumbrian, Mercian, and Kentish dialects, with many of the most ancient remains of heroic poetry. Text-books: Kluge's *Angelsächsisches Lesebuch*, Sievers' *Angelsächsische Grammatik*, and Sweet's *Student's Dictionary of Anglo-Saxon*, with references to Kluge's *Geschichte der englischen Sprache*. Open to those who have taken courses 3and 4. *Three hours a week in the first semester.*

6 Beowulf.

Study of the Anglo-Saxon text with reference to early Germanic life and customs. Text-book, Wyatt's *Beowulf*, with references to other works. Open to those who have taken courses 3 and 4. *Three hours a week in either semester, as classes may be arranged.*

7 Early Middle English.

A. D. 1066-1300. Homilies, *Later Saxon Chronicle*, and prose selections in the Midland dialect; *The Ormulum*, *Havelok the Dane*, and poetical selections in the Midland dialect; *The Ancren Riwle* and prose selections in the Southern dialect; poetical selections in the Southern dialect, Layamon's *Brut*, *The Owl and the Nightingale* and *King Horn*. The Midland dialect is made the basis of grammatical instruction, and especial attention is

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Courses 3 to 9 have special reference to the history and development of the language. It is recommended that those choosing English as a major, after taking course 3, pursue consistently either courses 7, 8, and 9 in order, or courses 4, 5, and 6 in order, or both together; or the courses in Anglo-Saxon Poetry may well be taken after the course in Middle English. For Old Saxon, students of Anglo-Saxon will see under German courses.

given to Danish and Norman influences. Text-book: Emerson's *Middle English Reader*, with supplementary texts. Open to those who have taken course 3. *Three hours a week in the second semester.*

8 Later Middle English.

A. D. 1298-1400. Sir John Mandeville, Wiclif, John of Trevisa, Dan Michel of Northgate (*Ayenbite of Inwyt*), Robert of Gloucester, *Handlyng Synne*, Lawrence Minot, *Cursor Mundi*, Barbour (*The Bruce*), Langland, Gower, and Chaucer, with a closer study of dialects, including the Northern dialect. Text-books as in course 7. Open to those who have taken course 7. *Three hours a week in the first semester.*

9 Transition and Tudor English.

A. D. 1400-1579. Occleve, Lydgate, James I. of Scotland, Ballads, Dunbar, Douglas, Mallory, More, Tyndale, Ascham, Berners, etc., to Spenser. Text-book, Skeat's *Specimens of English Literature*, 1349-1579. Open to those who have taken course 3. *Three hours a week in the second semester.*

10 College Literature.

A general survey course of English literature. Textbooks: *Century Readings for a course in English Literature*, edited by J. W. Cunliffe, J. F. A. Pyre, and Karl Young, and *Century Outlines for a course in English Literature*, compiled by F. A. Pyre, T. H. Dickinson, and Karl Young. *Three hours a week throughout the year.*

11 Shakespeare.

The following plays are studied: First Semester: *Love's Labour's Lost*, *Henry V.*, *The Tempest*, *Midsummer Night's Dream*, *Romeo and Juliet*, *The Merchant of Venice*. Second Semester: *As You Like It*, *Twelfth Night*, *Hamlet*, *Coriolanus*, *King Lear*, *Macbeth*, *A Winter's Tale*. Text-book, Either the Arden, the Tudor, or the Temple Edition of the play studied. *Three hours a week throughout the year.*

12 a Browning.

A careful study of the poet's life, followed by the reading and

interpretation of the most important of his poetical works. Text-book, The Globe Edition of Browning's works. *Two hours a week in the first semester.*

12 b Tennyson.

The study of Tennyson's development as a poet. Nearly all the poems are read in class. Text-book, The Globe Edition of Tennyson. *Two hours a week in the second semester.*

13 a The Romantic Movement.

A study of the movement in general, followed by particular study of the poetical works of Coleridge, Wordsworth, Byron, Shelley, and Keats. Text-book, Page's *British poets of the Nineteenth Century. Three hours a week in the first semester.*

13 b The Victorian Era.

A continuation of 13 a. Study of the poetical works of Landor, Browning, Tennyson, Rossetti, Arnold, Morris, and Swinburne. Text-book the same as for 13 a. *Three hours a week in the second semester.*

14 Ballads.

A study of English and Scotch popular ballads. The various theories of the origin of the popular ballads are considered, especially in relation to the origins of art. Study of folk-lore enters into this course. Text-book, *English and Scottish Popular Ballads*, edited by Sargent and Kittredge, from the collection of F. J. Child. *Two hours a week in the first semester.*

Note—Courses 10 to 14 are not all given every year. In 1914-'15 courses 10 and 11 or 11 and 13 may be expected.

History

1 Medieval History.

Brief preliminary survey of ancient European history. Study of Medieval Europe from the barbarian invasions to the 16th century. Lectures, recitations, and written tests. Text-books: Adams' *European History*, supplemented by Emerton, *An Introduction*

to the Study of the Middle Ages and *Mediaeval Europe*, with other works. Required in the sophomore year. *Three hours a week in the first semester.*

2 Modern History.

The history of Europe from the Reformation to the present time. Lectures, oral and written tests; abstracts of assigned reading. Adams' *European History* and supplementary texts. Required in the sophomore year. *Three hours a week in the second semester.*

3 a American History.

Covering the time of discovery, settlement, colonial development, the French Wars and the Revolutionary struggle. *Three hours a week in the first semester.*

3 b American History.

The formation and development of the nation, beginning with the critical time of 1783 and extending through the time of reconstruction after the Civil War. *Three hours a week in the second semester.*

4 a. English History.

The history of England from the earliest times to the Reformation. Text-book, Gardiner's *A Student's History of England.* Supplementary reading in other texts and in such special accounts as Cunningham's *The Growth of English Industry and Commerce* and Traill's *Social England. Three hours a week in the first semester.*

4 b. English History.

The history of England from the Reformation to the present time. Text and assigned readings as in 4 a. *Three hours a week in the second semester.*

Political and Economic Science

1 Advanced Civics.

Text-book, Beard's *American Government and Politics* with references to Wilson's *The State*, Bryce's *American Common-*

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wealth, and other works. *Three hours a week in one semester.*

2 Economics.

Text-book, Bullock's *Introduction to the Study of Economics*, with references to Mill's *Principles of Political Economy* and other standard works. *Three hours a week in one semester.*

Philosophy

1 Descriptive Psychology.

Lectures. Text-book, Angell's *Psychology*, with references to Ladd, James, and other authors. Required in the sophomore year. *Three hours a week in the first semester.*

2 Experimental Psychology.

Lectures. Text-book, Seashore's *Elementary Experiments in Psychology*. Required in the sophomore year. *Three hours a week in the second semester.*

3 Logic.

Lectures. Text-book, Creighton's *Introductory Logic*, with references to Mill, Bosanquet, and other authors. Required in the junior year. *Three hours a week in the first semester.*

4 Introduction to Philosophy.

Lectures. Text-book, Paulsen's *Introduction to Philosophy*. Required in the junior year. *Three hours a week in the second semester.*

5 Ethics.

Lectures. Text-book, Dewey and Tuft's *Ethics* with reference to bibliography. Required in the senior year. *Two hours a week throughout the year.*

6 History of Philosophy.

Lectures, with references to Zeller, Lewes, Cousin, Burt, Windelband, and other authors. Open to those who have taken courses 1-4. *Two hours a week as arranged.*

Education

1 History of Education.

Lectures. Monroe's *Text-book*, with references to extensive

bibliography. Required of those who wish to obtain teachers' state certificates. *Two hours a week throughout the year.*

2 Pedagogy.

Lectures. Text-book, Lange's *Apperception* with references to bibliography. Practical work in teaching. Required of those who wish to obtain state teachers' certificates. *Three hours a week in the second semester.*

Latin

1 Livy or Cicero.

Selections from Livy, Books I. and II., or XXI. and XXII., or else either Cicero's *De Senectute* or *De Amicitia*, supplemented by Virgil's Eclogues. Exercises in writing Latin once a week. *Five hours a week in the first semester.*

2 Horace.

Selections from the Odes, Satires, and Epistles. *Five hours a week in the second semester.*

3 Roman Satire.

Selections from Juvenal, Horace, and Persius. *Three hours a week in one semester.*

4 Tacitus.

Germania and Agricola. *Two hours a week in one semester.*

5 Roman Drama.

Selected Plays of Plautus and Terence. Early Latin Literature. *Three hours a week in one semester.*

6 Epistolary Latin.

Selected Letters of Pliny and Cicero. *Three hours a week in one semester.*

7 Catullus.

Two hours a week in one semester.

8 Study of Roman Antiquities.

Three hours a week in one semester.

9 Easy Translation Course.

Either (a) Quintus Curtius and Sallust, or (b) Cæsar (Book VII. of the Gallic War) and Nepos. Open to all college students. *One hour a week throughout the year.*

10 Advanced Latin Composition.

Open to students who have completed courses 1 and 2. *Two hours a week throughout the year.*

11 Special Courses.

Author to be read and work to be done is arranged from year to year to meet the needs of the time. *Three hours a week in one semester.*

12 Study of Special Subjects.

Arranged from year to year; as Roman Political Institutions, Latin Palæography, Roman Law, Latin Hymns, etc. *Two hours a week in one semester.*

Note.—A Latin Club, formed among the students, holds meetings once a month.

Greek

1 Beginners' Greek.

Those who begin Greek in the college will take first and second year Greek just as in the academy courses (See under "Studies in the Academy"), but for full college credit will be expected to complete the second book of the Anabasis in the first year and the twelve books of the Odyssey or an equivalent in the second year.

2 Homer and Lysias.

Homer's *Odyssey,* Books V.-XII., or the *Iliad,* Books IV.-VI., and selections, in the first semester; Lysias, with grammar and composition, and the *Philippics* of Demosthenes in the second semester. *Five hours a week.*

3 Advanced Greek.

The Alcestis of Euripides, selections from Herodotus and

Thucydides, and Jebb's *Primer of Greek Literature*, in the first semester. Plato's *Apology* and *Crito* and Thucydides, in the second semester. *Three hours a week.*

4 Dramatic Poets.

Two plays of Æschylus, Sophocles, or Euripides and the study of meters in the first semester. Plays of Aristophanes with discussion of the Attic Drama and Theatre in the second semester. *Three hours a week.*

5 Poets and Orators.

Greek Lyric Poets in the first semester: Greek Orators in the second semester. *Three hours a week.*

6 Plato.

Selected Dialogues. *Twice a week throughout the year.*

French

1 First Year French.

Work in grammar, reading, conversation, and phonetics, based upon Fraser and Squair's *French Grammar*. Additional texts read during the year. *Five hours a week throughout the year.*

2 Second Year French.

Translation and criticism of standard French authors, following the development of French literature from the seventeenth century through the nineteenth century. Composition one hour a week. *Four hours a week throughout the year.*

3 Composition and Conversation.

For students who wish to do advanced work in composition, conducted wholly in French. *Two hours a week throughout the year.*

4 General Survey.

A brief survey of the whole field of French literature, showing main divisions and placing representative authors. Lectures and collateral reading. *Three hours a week throughout the year.*

5 Nineteenth Century Drama.

Study and criticism of representative dramatists, such as Hugo, Dumas-Fils, Angier, Scribe, Rostand, and others. Lectures and assigned reading. *Three hours a week in the first semester.*

Spanish

First Year Spanish.

Hill and Ford's *Spanish Grammar* used in connection with Giese's *First SpanishBook.* Translation of selections from *Gil Blas. Four hours a week throughout the year.*

Second Year Spanish.

Translation of selections from the *Don Quijote* of Cervantes and from more modern writers. *Two hours a week throughout the year.*

German

0 Beginners' German.

See Academy under "Elementary German."

1 Freshman German.

Modern prose, narrative and dramatic, and a drama by Lessing or Schiller. Review of the grammar and syntax. Written and oral exercises. Open to those who offer two entrance units of German. *Five hours a week throughout the year.*

2 Classical and Modern Writers.

Selections from nineteenth century novelists and the dramas, Goethe's *Egmont* and Schiller's *Wallenstein.* Written exercises. For students who have had German 1. *Three hours a week throughout the year.*

3 German Composition and Conversation.

This course is especially intended for those who look forward to teaching. *Two hours a week in the first semester.*

4 Sight Reading.

Rapid translation of literary prose and articles in current

magazines and newspapers. *Two hours a week (one hour credit) throughout the year.*

5 Modern German Dramatists.

Selected dramas from Grillparzer, Hebbel, Ludwig, Hauptmann and Sudermann, or several dramas of one of these authors, with critical study of his life and works. *Two hours a week in the first semester.*

6 Modern German Novelists.

Readings from Scheffel, Freytag, Keller, Sudermann and Frensson. Representative selections will be read in class and others will be assigned for private reading. *Two hours a week in the second semester.*

7 Faust.

Part I. Read and discussed. *Two hours a week in the first semester.*

8 German Epic, Ballad, and Lyric Poetry.

The course gives a hasty survey of German poetry from the Middle Ages to the present time, including parts of the *Nibelungenlied*, Court Epics, and characteristic *Minnelieder*, in Modern German translations, and selections from leading poets of the eighteenth and nineteenth centuries. Reports on assigned reading. *Two hours a week in the second semester.*

9 Special Courses.

Other courses may be arranged, as the critical study of one author, as Goethe, or of one period, as the Romantic period, or a general survey of the history of German literature.

10 Medieval German.

Courses in Middle High German and Old High German are offered whenever students who are prepared desire to form classes. Wright's Primers are used for elementary study, preparatory to a fuller treatment of the older German dialects in larger German works.

11 Old Saxon.

For the benefit of students specializing in English studies courses are offered in Old Saxon (Old Low German). Text-books: Holthausen's *Altsächsisches Elementarbuch* and Behaghel's *Heliand und Genesis. Two hours a week in one semester, continued in another semester if the whole of the Heliand is read.*

12 Gothic.

For students in Germanic philology courses are offered in the Gothic Gospels of Ulfilas. Text-book, Wright's *Primer of the Gothic Language* for the elementary course.

Courses 3 to 9 are open to those who have had course 2. Course 10 is for advanced German students. Course 11 is for those prepared in German and Anglo-Saxon. Course 12 is for those pursuing advanced linguistic studies.

Note.—A German Club, formed among the students, holds meetings once a month.

Mathematics

1 Algebra.

Hawkes' *Higher Algebra.* Review of elementary algebra, properties of quadratic equations with emphasis on their graphical interpretation, binomial theorem, variation, progressions, permutations and combinations, and general theory of equations. Required in the freshman year. *Three hours a week in the first semester.*

2 Plane Trigonometry.

Rothrock's *Plane and Spherical Trigonometry.* Theory of trigonometric functions, solutions of triangles, elements of logarithms, and complex numbers. Required in the freshman year. *Three hours a week in the first semester.*

3-4 Analytic Geometry.

Smith and Gale's *New Analytic Geometry.* Cartesian co-ordinates, curve and equation, the straight line, the circle, transcendental curves and equations, polar co-ordinates, trans-

formation of co-ordinates, parabola, ellipse, and hyperbola, tangents, parametric equations and loci, co-ordinates in space, the plane and the straight line in space, the quadric surfaces. Open to those who have taken courses 1 and 2. *Three hours a week throughout the year.*

5-6 Calculus

Townsend and Goodenough's *Essentials of Calculus.* Limits, differentiation, applications to geometry and physics, rates, maxima and minima, curve tracing, integration, areas, volumes, surfaces, lengths of arcs, infinite series. Open to those who have taken courses 3 and 4. *Four hours a week throughout the year.*

7 Differential Equations.

An elementary treatment of differential equations with applications to physics and mechanics. Open to those who have taken courses 5 and 6. *Three hours a week in the first semester.*

8 Surveying

Recitations and problems in the determination of heights, distances, and areas. Field practice with the chain, the tape, the transit, and the level. Open to those who have taken course 2. *Two hours a week in either semester.*

9 Astronomy

An historical and descriptive course, designed to give the student familiarity with the solar system, the principal constellations, and the brighter stars. Open to students beyond the freshman year. *Three hours a week in the first semester.*

10 Mechanical Drawing

Phillips and Orth's *Notes on Mechanical Drawing.* Freehand drawing in perspective and in orthographic projection, use of instruments, lettering, working drawings, tracing, blue printing. Open to freshmen. *Three hours a week throughout the year.*

Physics

0 Elementary Physics.

Text-books: Millikan and Gale's *A First Course in Physics*, and Millikan and Gale's *A Laboratory Course in Physics*. Open for credit to freshmen who have not offered physics for entrance. For description see Physics under Academy.

1 General Physics.

Kimball's *College Physics*. Lectures and recitations, four hours a week. Laboratory practice, four hours a week. Open to those who have taken Mathematics 1 and 2. *Full study throughout the year.*

2 Heat and Light.

Advanced course of lectures. Open to those who have taken course 1. *Three hours a week in the first semester.*

3 Electricity and Magnetism.

Advanced course of lectures. Open to those who have taken course 1. *Three hours a week in the second semester.*

Chemistry

1 General Chemistry.

The subjects covered in this course will include a careful study of the occurrence and properties of the elements, together with the laws governing all chemical reactions and stoichiometrical calculations. In the laboratory the reactions are still farther studied, followed by a series of experiments in the systematic analysis of simple compounds. Prerequisite: Physics, course 0. *Two hours each day, five times a week throughout the year.*

2 Analytical Chemistry.

A systematic course in qualitative and quantitative analysis, by both volumetric and gravimetric methods. The analysis is largely that of alloys, ores, and commercial products. Prerequisite: Course 1. *Five times a week throughout the year.*

3 Organic Chemistry.

Laboratory practice, supplemented by lectures and recitations. It is intended to give the student a general knowledge of the carbon compounds. Special attention is paid to practical application. *Five times a week in the first semester.*

4 Applied Chemistry.

Lectures and laboratory work upon subjects pertaining both to Inorganic and Organic Chemistry, including the analysis of food products: milk, butter, bread, water, soils, fertilizers, etc. *Five times a week in the second semester.*

Biology

1 Biology.

Microscopy, Plant and Animal Biology. Laboratory work and lectures. Open to freshmen and sophomores. *Two hours each day. Five times a week throughout the year.*

2 Physiology.

Anatomy, Physiology and Hygiene. Open to sophomores and juniors. *Five times a week in the first semester.*

3 Zoology.

Laboratory work. Special studies and a summary thesis. Open to sophomores and juniors. *Two hours each day. Three times a week in the second semester.*

4 Botany.

Laboratory work. Special studies and a summary thesis. Open to sophomores and juniors. *Two hours each day. Three times a week in the second semester.*

Geology

1 Physiography and Dynamic Geology.

Lectures, review papers and discussions. Open to juniors. *Five times a week in the first semester.*

2 Paleontology.

Class work, field studies, and a thesis. Open to juniors. *Five times a week in the second semester.*

Note—In Biology and Geology there are special courses for those who choose their major in one of these departments. The work will include the senior thesis, a copy of which must be placed in the department library. Open to seniors. *Three times a week throughout the year.*

English Bible.

Lectures and a study of the text of the American Standard Revision. Analysis of the Old and New Testaments in alternate years, with introduction. Elective. *Two hours a week throughout the year.*

THE ACADEMY OF MILTON COLLEGE

The Academy of Milton College is primarily a preparatory school. Its graduates are admitted to the University of Wisconsin without examination. Courses of study are indicated in the table on the following page. They all prepare students for admission to the freshman class of the college. Other combinations of studies than those indicated may be arranged, conforming in all cases to the college entrance requirements.

The studies indicated in the table are all pursued throughout the year except when two subjects are mentioned together. In this case the subject first mentioned is studied during the first semester and the second subject during the second semester. Classes in all studies meet five times a week except in the case of English. The four years' work in English as arranged makes up the three full units of English required for admission to the freshman class; but it should be noted that much more and better written work is done thus in four years than if the three units were covered in three years. Elocution is included in English as follows:—

	Mon.	Tues.	Wed.	Thurs.	Fri.
1st year	English	English	English	Elocution	English
2nd year	English		English	Elocution	English
3rd year	Elocution	English	English	English	English
4th year		English		English	English

Each student is required during the fourth year to furnish one written essay, involving considerable research, aside from class work in English, or work done for a lyceum exercise, and in addition to any work done for presentation at the graduation exercises of the academy.

COURSES OF STUDY IN THE ACADEMY

Years	Latin and Greek	Latin and Modern Language	Latin and History	Language and Science (a)	Language and Science (b)*
I	First Year Latin Algebra Physical Geography-Geology or Botany First Year English	First Year Latin Algebra Physical Geography-Geology or Botany First Year English	First Year Latin Algebra Physical Geography-Geology First Year English	First Year Latin Algebra Physical Geography-Geology First Year English	First Year Latin Algebra Physical Geography-Geology First Year English
II	Second Year Latin Geometry Ancient History Second Year English	Second Year Latin Geometry Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English
III	Cicero Physics Greek Third Year English	Cicero Physics German or French Third Year English	Cicero Medieval and Modern History Geometry Third Year English	German or French Geometry Medieval and Modern History Third Year English	German or French Geometry Chemistry Third Year English
IV	Virgil American History Greek Fourth Year English	Virgil American History German or French Fourth Year English	Virgil American History Physics Fourth Year English	German or French Physics American History Fourth Year English	German or French Physics American History Fourth Year English

*Other combinations of language with science may be arranged, not less than two years of one language being pursued

STUDIES IN THE ACADEMY

English

First Year English.

First semester, oral and written composition. Text-book, Crandall's *First Year English Book*. Second semester, class room study of *Silas Marner*, *Lady of the Lake*, *The Vision of Sir Launfal*, *The Merchant of Venice* or equivalents. *The Last of the Mohicans* or its equivalent for outside reading.

Second Year English.

First semester, composition. Text-book: Brooks and Hubbard's *Composition-Rhetoric*. Second semester, class room study of *Julius Caesar*, *Ivanhoe*, and selections from *The Idylls of the King*. *A Tale of Two Cities* or its equivalent for outside reading.

Third Year English.

Chronological study of English writers. Text-book, Moody and Lovett's *History of English Literature*. Special classroom study of the Prologue to the *Canterbury Tales*, Shakespearean drama, Milton's minor poems, and Bacon's essays. A study of exposition and argumentation with practice in writing. Text-book in Composition, Gardiner, Kittredge and Arnold's *Composition and Rhetoric*.

Fourth Year English.

Study of English authors continued during the first semester. Study of principal American authors during second semester. Themes at regular intervals.

Note—For number of times see table of days on page 43.

History and Civics

Ancient History, including Oriental, Greek, and Roman.

Text-book, West's *Ancient World*, with references to Myers', Morey's and Botsford's histories. *Throughout the year.*

Medieval and Modern History.

Myer's *Medieval and Modern History. Throughout the year.*

History of the United States.

Text-book, Woodburn and Moran's *American History and Government*, with references to other text-books and authorities on the subject. *Throughout the year.*

Mathematics

Algebra.

Hawkes, Luby and Touton's *First course in Algebra.* Elementary operations including factoring, finding common divisors and multiples, reduction of fractions, and known quantities; involution, evolution, radicals, quadratic equations. *Throughout the year.*

Geometry: Plane.

Wells' *New Plane and Solid Geometry.* Elementary principles and their application to original theorems and problems; **Solid**—A study of points, lines, and planes in space, polyhedrons, cylinders, cones and spheres, with original exercises. *Throughout the year.*

Arithmetic.

Classes are sometimes formed for students not sufficiently prepared in arithmetic. Smith's *Commercial Arithmetic.* Percentage and its application to profit and loss. Commission, interest, discount, insurance, taxes, stocks, and exchange; ratio and proportion; and involution and evolution.

Science

Physics.

Text-books: Millikan and Gale's *A First Course in Physics*, and Millikan and Gale's *A Laboratory Course in Physics.* Two double periods are spent each week in laboratory work *Full study throughout the year.*

Chemistry.

Text-book, Hessler and Smith's *Essentials of Chemistry. Recitations and Laboratory work throughout the year.*

Physical Geography.

General course. *First semester.*

Elementary Geology.

General course. *Second semester.*

Elementary Physiology.

Walker's Physiology. *First semester.*

Elementary Botany.

Bailey's *Elements of Botany* and Gray's *Manual. Second semester.*

Latin

First Year Latin.

Special attention is given to inflection, vocabulary, pronunciation, and translations into idiomatic English. Frequent reviews and written exercises are given. *Throughout the year.*

Second Year Latin.

Four books of Cæsar or any equivalent amount from various Latin writers. Prose Composition one hour a week. *Throughout the year.*

Cicero's Orations.

Four Orations against Catiline. Three other orations, including *De Imperio Pompeii.* Prose Composition one hour a week. *Throughout the year.*

Virgil.

Six books of the *Æneid.* Attention is given to the reading of the Latin, carefully prepared translations of review lessons, mythology, figures of speech, etc. *Throughout the year.*

Greek

First Year Greek.

A study of the elements of the language. Xenophon's *An-*

abasis, Book I., with Greek Prose Composition. *Throughout the year.*

Second Year Greek.

Xenophon's *Anabasis,* Books II.-IV., with Greek Prose Composition, Homer's *Odyssey,* Books I.-IV., or *Iliad,* Books I.-III.

German

Elementary German

Corresponding to the elementary courses outlined in the Report of the Committee of Twelve. Grammar and reading of easy modern narrative prose and one or two short plays and a few poems committed to memory. Practice throughout the two years in speaking and writing German. Students should at the end of this time be able to pronounce and translate at sight simple German prose, and to carry on a simple conversation based upon the texts given for translation. *Five hours a week throughout two years.*

French

Academy French.

Students pursuing French in the academy will take two years' work with college classes. See under "Departments of Instruction."

PUBLIC SPEAKING

Courses of study in public speaking are of the greatest value to any student, no matter what the purpose of his study may be, because they contribute to his personal efficiency in several ways, primarily through the most important means of power, the expression of thought by the body and the voice. They also afford an excellent training of the mind, especially through the practice of the laws that govern the effective persuasion of others. There is, moreover, no branch of study that contributes more to the development of a strong personality. The Greeks were aware of the value of oratory and regarded it as the most important part of one's training. Practice in expression may well be continued through the entire preparatory and college education.

Public Speaking

In the College.

College students are required to attend a class in Public Speaking two hours a week for one year. This is required by the junior year, but should preferably be taken earlier if the student has time for it.

In addition to this work, for the benefit of those who shall have finished this required course and those who have already had one year of such work, a more advanced course in Oratory and Interpretation is offered, continuing three hours a week throughout the entire year. It is hoped that all who are prepared to do so will avail themselves of this opportunity.

Required Course.

Public Speaking. Text-book, Phillips' *Effective Speaking. Two hours a week throughout the year.*

Elective Course.

Oratory and Interpretative Reading. Orations and plays by standard authors are studied. Open to those who have taken the required course in public speaking. *Three hours a week.*

Special classes or private lessons may be arranged to meet the needs of individual students.

In the Academy.

All the pupils in the Academy of Milton College are required to take exercises in Elocution as a part of their work in English. See page 43.

Credit

In College the usual full credit is given for the work in public speaking.

In the Academy the work in elocution receives credit as part of the course in English.

Fees

Students in the institution taking regular courses pay for the work in this department the usual proportionate tuition based on the number of hours taken. Those not in the College and who take either of the courses pay for the two-hour course the sum of four dollars per semester and for the three-hour course five dollars per semester.

Fees for the regular courses and the fee for physical culture are paid through the college office.

For private instruction fees are payable directly to the Instructor. These are as follows: For a regular course of instruction, two half-hour lessons a week, $7.50 per half-semester of nine weeks. For individual lessons fifty cents per half-hour.

PHYSICAL CULTURE

The authorities at Milton College believe that some proper physical training, by a skilled director under medical supervision, ought to be given to all students at Milton College and that regular physical exercises ought to be required of all students. As a step toward the ideal we hope to reach, there is now required of all students of the Academy of Milton College and of all students in the College below the senior year, regular physical training based upon a systematic medical examination.

Medical Examination

The reasons for requiring a medical examination are (1) to furnish each student at the beginning of every semester information as to his general physical condition, that he may be guided in caring for his own health and in taking up such exercises as shall develop him in health, strength, and bodily symmetry; (2) to prevent any student from engaging in severe exercises or entering into sports that might injure his health; and (3) to enable the physical director to know just what each student needs for his best physical development.

It is hoped that all students will perceive the advantage of such an examination and that they will co-operate with the authorities of the college by taking the examination willingly and regularly and by following the suggestions that may be made by the medical examiner and physical director.

Examinations are made of all students at the beginning of each semester and of certain students oftener, if the medical examiner finds need for more frequent examination. At each regular examination the student is furnished with a record of it, and such advice is given the student as the examiner in his judgment thinks best to give. The examination is to discover the condition of the eyes, heart, lungs, and vital organs, and any special

condition of any part that may at all affect the student's work or physical training. This is supplemented by bodily measurements taken by a physical director. The repetition of the examination at the beginning of each semester enables the director, with the advice of the physician, to determine the result of the work already done and better to plan the work for the succeeding semester.

Examiners and Director

Two competent physicians, a gentleman and a lady, make the examination at times announced at the opening of the college in September, but the same physical director takes charge of the classes of men and women students.

Gymnasium Classes

The regular class work is held in the gymnasium in the afternoon twice a week for both men and women. Individual work is arranged to meet the necessities of the case. Attendance at the regular classes is required of all academy students, and of college students during at least two years of their course except those specially excused by the medical examiner, for reasons. But any student not forbidden by the medical examiner, and any member of the faculty or music student, may be admitted to the class with the approval of the director, except that no one will be admitted to a class without a previous examination.

Fees

Every student must pay to the treasurer of the college a fee for each regular examination as follows:— In all cases at the beginning of the first semester, and at the beginning of the second semester in the case of students not already examined, fifty cents. At the beginning of the second semester in the case of students already examined in the first semester, twenty-five cents. If an examination is required oftener than at the beginning of the semester, it will usually be given without fee.

Every student in the college or academy, irrespective of whether he takes physical training or is excused therefrom is charged a fee for the use of the gymnasium of fifty cents per semester.

These fees, amounting in general to one dollar in the first semester and seventy-five cents in the second semester, are charged to every student and are payable to the college treasurer at the beginning of the semester. Free scholarships do not cover these fees, but they are to be charged to those receiving free tuition as well as to all other students. Members of the faculty and music students or others, if they take physical training must also pay these fees.

Lockers in the gymnasium may be rented by students for fifty cents a semester. A deposit of twenty-five cents is also required for the key to the locker. Locker fees are paid to the college treasurer at his office.

Private Work

Any one who may desire private instruction from the physical director may make his own arrangements for such work. But if not a student already examined and enrolled, he must first take the usual examination and pay to the treasurer of the college the proper fees for the examination and for the use of the gymnasium.

SCHOOL OF MUSIC

The principal courses in music are the following: Voice Culture, Harmony, Pianoforte, Violin, Viola, and Violoncello.

Two years' study of Harmony, one year of the Theory of Music, and the course in the History of Music are required in the Pianoforte, Voice Culture, and stringed instrument courses; and at least the first two grades of one of the instrumental courses is a prerequisite of the completion of the Harmony and Voice Culture courses.

Pupils having completed any one of the above courses and having completed a full course in the Academy, or its equivalent, are entitled to a certificate of graduation in such course.

PIANOFORTE COURSES

MISS ALBERTA CRANDALL

The instruction in pianoforte playing is in five grades extending over a period of five or more years on a basis of two lessons per week.

A correct hand position and a flexible wrist are insisted on from the first as requisites for proficiency. Exercises from Mason's *Touch and Technic*, Stasny's *Finger Training*, and other aids, are used for the acquirement of correct finger, hand, and arm touches.

The technical exercises used include studies from Czerny, Heller, Cramer, Kullak's *Octaves*, *Books I. and II.*, Krause's *Trill and Other Studies*, Sonatinas from Kuhlau or Clementi, and Bach's *Two and Three Part Inventions*.

Pieces suited to the different grades are used, including selections from Schumann, Mendelssohn, Mozart, Raff, Beethoven, Schubert, Chopin, and others.

A course in Musical Kindergarten extending over a period of a year is recommended for beginners of from five to twelve years of age. The advantage of such a course is that the subject-matter is presented in such a simple and interesting way, by means of songs, stories, and games, that the children are thoroughly interested and make much more rapid progress than when taught by the old method.

The following subjects are included in the course: Notation, or sight-reading, ear-training, memorizing, metre, rhythm and time or movement, a knowledge of the key-board, a familiarity with musical signs and terms, the building of scales, major, minor, and chromatic, degrees, intervals, triads and chords, technic and musical history.

The Sweet-Whitney *Music Method* is the method used, and it is taught in classes of three.

VOICE COURSES

MR. LEMAN H. STRINGER

This course comprises a complete system of voice culture. The vocal instrument consists of not only the mouth, larynx, lungs, etc., but practically of the entire body; therefore a system of physical exercises is used for the strengthening and building up of the entire vocal instrument.

Careful attention is given to the art of relaxation, breathing, utterance, physical expression, tone attack, enunciation, pronunciation, etc.

Elementary Vocal Music

The rudiments of music, notation, solmization, sight-reading and elementary and chorus singing are included in this course. It is preparatory to the Voice Culture course and it is a desirable adjunct to all the other courses. The time required for its completion is usually two years for persons of ordinary talent.

STRINGED INSTRUMENT COURSES

MRS. ELLEN CRANDALL PLACE
MISS WILNA SOVERHILL

The practical studies in the violin course include technical exercises, major and minor scales in all positions; studies by Tuors, Kayser, Kreutzer, and Rode; pieces and concertos by classical and modern composers.

In the case also of the Viola and Violoncello, special attention is given to technical studies and the standard literature for each instrument.

ORGAN

PRESIDENT WILLIAM C. DALAND

Students who are thoroughly proficient in piano-playing and who are good readers may obtain a fair command of the organ in two years.

In the first year Rink's *Organ School* is studied, and in the second year Mendelssohn's organ sonatas and Bach's fugues are introduced as soon as the pupil is sufficiently advanced. Dudley Buck's *Studies in Pedal Phrasing* are used in connection with classical organ compositions.

The rapidity with which the course is carried on depends entirely on the ability of the student.

OTHER INSTRUMENTS

Arrangements may be made for lessons on the flute, cornet, mandolin, and other instruments.

THEORETICAL COURSES

MISS ALBERTA CRANDALL

Harmony

This course embraces the study of Harmony, Single and Double Counterpoint, Choral Preludes, Free and Strict Imitation, Canon, Fugue, Musical Form, and practical work in Composition. Chadwick's *Manual of Harmony* and Treatises on *Counterpoint and Fugue*, are the text-books used.

Theory of Music

For a pupil of ordinary ability the time required to complete this course is about five years on a basis of two lessons per week and three to four hours of daily study.

The course in the Theory of Music embraces the fundamental principles of music and explains the laws of acoustics, musical rhythms, abbreviation and signs, embellishments, and musical form. The student is required to analyze song-forms, sonatas, vocal, and contrapuntal forms. The course may be completed in one year and a small fee is charged per quarter.

History of Music

The course in the History of Music covers the ground of development from the earliest known beginning and development of notations, polyphony, oratorio and opera, as well as the invention and improvement of instruments. Brief biographies of the important composers of the different periods are included in the course. The course is taught in classes, and is free to all students of the School of Music.

ADDITIONAL PRIVILEGES

Sight Playing and Ensemble Classes

To aid students in the instrumental courses, classes in sight playing and for ensemble work are organized for practice in the playing of duos, trios, and work for the pianoforte and stringed instruments; also recitals are given from time to time as an essential means of training for students in these courses.

These adjuncts to musical training are free, and all students in instrumental courses are required to attend them. Those who are prepared to take allotted parts in the orchestra may receive the benefit of the weekly practice of the college orchestra.

Chorus Practice

The chapel choir, college chorus, and glee club afford an opportunity for students to obtain practice in chorus singing.

TUITION

The tuition in the School of Music is estimated as per half-semester, or quarter, of nine weeks.

Pipe Organ, one lesson a week	$13.50
Pianoforte, two lessons a week	14.00
The same, one lesson a week	7.50
Kindergarten, two lessons a week, in classes	4.50
Stringed Instruments, two lessons a week	14.00
The same, one lesson a week	7.50
Voice Culture, two half-hour lessons a week	13.50
The same, one half-hour lesson a week	7.50
Elementary Vocal Music, in classes	$1.00 to 2.00
Theory of Music	1.00
Harmony	7.50

Tuition is to be settled in advance at the beginning of each quarter. No reduction will be made to pupils who miss their lessons, except in the case of prolonged absence on account of sickness or other unavoidable circumstances.

MISCELLANEOUS INFORMATION

GENERAL EXPENSES

Degrees and Diplomas

Students who are graduated from the College receive the degree of Bachelor of Arts. The second or Master's degree may be conferred upon graduates that have satisfactorily pursued literary, scientific, or professional studies for three years after graduation, or that have completed in any recognized university a course that is required in that university for an advanced degree. The charge for a diploma certifying a degree is $5.00.

Fees per Semester

Tuition in College Classes	$16.00
Tuition in Academy classes	12.00
Incidental Fee charged to all students	4.00
Fee for supervision of a study pursued outside of class, $1 to	5.00
Fee for special examination	1.00
Laboratory Fee in Biology, Chemistry, and College Physics, each	3.00
Gymnasium Fee, per semester, charged to all students	.50
Fee for Physical examination, first semester	.50
The same, second semester	.25

The rate of tuition of college students is increased one dollar per semester for each hour per week above sixteen (16) hours, and diminished one dollar per semester for each hour less than fifteen (15) hours.

The rate of tuition of academy students is increased one dollar per semester for each hour per week above twenty (20) hours, and diminished one dollar per semester for each hour less than fifteen (15) hours.

All fees are payable in advance. Before entering classes at

the beginning of a semester, students are required to visit the Treasurer of the College and either settle their accounts or make arrangements for settlement of the same.

Rooms and Board

Rooms for women are furnished in Goodrich Hall with stoves, bedsteads, tables, and chairs. Beds and bedding with other furniture must be supplied by the students. The charge to each student is $8.00 per semester. An additional charge, usually $2.50 a semester, is made for electric light.

Students who wish to board themselves may hire convenient rooms in private houses at about the same rate. Rooms and board may be obtained in private families at from $4.00 to $5.00 a week. Table board in club or private family varies from $2.50 to $4.00 a week.

Estimated Expenses per Year

Tuition, Incidentals, and Fees	$ 35.00 to $ 55.00
Board at $2.50 to $4.00 per week	$ 90.00 to $150.00
Rooms at $8.00 to $12.00 per semester	$ 16.00 to $ 24.00
Fuel and Lights	$ 18.00 to $ 24.00
Laundry	$ 10.00 to $ 15.00
Text-books	$ 11.00 to $ 27.00
Sundries	$ 20.00 to $ 30.00
	$200.00 to $325.00

The minimum expenses for a year of thirty-six weeks to a student who boards himself are about $175; to one who boards in a club, about $200; and to one who boards in a private family, about $225.

Opportunities for Self Support

Industrious students, both men and women, can generally find opportunities in the village and vicinity, during semesters and vacations, to earn sufficient funds to meet in part their expenses. A large number aid themselves in this way every year.

Most graduates of the college have been students of limited means who earned their way by manual labor, by teaching in the public schools, or by engaging in other occupations.

FREE SCHOLARSHIPS

Milton College offers a free scholarship for one year to the graduate having the highest honors in his class in each high school in the State of Wisconsin that requires a four years' course of study. A free scholarship for one year is also offered to the graduate having the highest honors in his class in such other high schools in the neighboring states as its Board of Trustees may specially designate.

Free scholarships for one year are also offered to the graduates of the Academy of Milton College, and to the students belonging to the Freshman, Sophomore, and Junior classes, each of whom shall have completed the year with the highest honors. Such scholarships are now held by Zea Zinn, graduate with the highest honors of the Academy of Milton College, class of 1913; Elizabeth Risk Lamb, honor student of the Freshman class of 1913; William Dighton Burdick, honor student of the Sophomore class of 1913; and George Albert White, honor student of the Junior class of 1913.

A plan has also been put into operation of granting a full free scholarship to that church, society, or individual that shall give one thousand dollars to Milton College as a permanent endowment fund, the interest of which is to be used for the payment of the tuition of the student whom such church, society, or individual may nominate. Students are now the beneficiaries of such scholarships, designated as follows:

The Mary F. Bailey Scholarship.
The Jennie B. Morton Scholarship.
The Ezra Crandall Scholarship.
The Salem College Scholarship.
The Class of 1907 Scholarship.
The Rev. Oscar Babcock Scholarship.
The Rev. Edwin Shaw Scholarship.

The Albertus D. Crumb Scholarship.

The William H. and Mary E. Rich Scholarship.

All scholarships include free tuition and incidentals, but not laboratory fees, board, room, or other expenses. Some of these are awarded only on certain conditions, which will be made known upon application.

BUILDINGS

Milton College has five buildings devoted to various purposes. The Main Building contains the offices, the chapel, and many recitation and lecture rooms. The Whitford Memorial Hall contains the Library and the lecture rooms and laboratories for physics, chemistry, and biology. In this building also are the rooms for the gentlemen's literary societies. The other buildings are Goodrich Hall, the ladies' dormitory, containing a room for a ladies' literary society; the Auditorium Gymnasium, situated south of the buildings mentioned; and the President's Home on an eminence further south of the buildings. The campus fronts on College Street in the village of Milton.

EQUIPMENT

The Library

The College Library consists of what were originally the Daniel Babcock Library, the Orophilian Library, the Iduna Library and the Philomathean Library. These Libraries have been consolidated and are under the general management of the College Librarian, appointed by the Board of Trustees.

The Library now contains about 10,000 books and 500 pamphlets newly classified and provided with a dictionary card catalogue. There are also several hundred other pamphlets and volumes of unbound magazines.

Books or magazines may be borrowed by students and residents of Milton subject to the usual library regulations. The library is open every college week-day from 8:00 A. M. to 12:30

P. M., and from 1:30 P. M. to 4:30 P. M., except during the chapel exercises, that is from 10:30 to 10:55 A. M. It is also open to the public on Tuesday and Thursday afternoons during the summer vacation.

Apparatus

The institution is well equipped with apparatus for the student's use in laboratory work in the several courses described under "Departments of Instruction." For the class in surveying, an excellent transit, a compass, a rod and a surveyor's chain are provided. The Chemical Laboratory in the south half of the second story of the Whitford Memorial Hall is well stocked with everything needful for complete work in both General and Analytical Chemistry. The Physical Laboratory is very conveniently located in the south half of the first story. The apparatus of this department has been recently very largely increased, the equipment being now full and complete, not only for the "First Course in Physics," but also for the advanced college classes. The Biological department in the second story over the Library is provided with the best Bausch & Lomb microscopes.

Cabinets

The cabinets illustrative of Mineralogy, Geology, and Paleontology, embrace over four thousand specimens, and exhibit fairly the materials and the formations of the rocks found in the state. There has been presented to the college the W. P. Clarke collection of stone and copper implements, some of which are rare types belonging to the different periods of the Prehistoric Age, found in the immediate vicinity, elsewhere in our country, and in foreign lands. The college has obtained and preserved over eighteen hundred species of plants, which grow principally in this state. There have been gathered specimens of insects, fishes, birds, and mammals, typical of the groups of animals to which they belong; and a room with convenient cases has been set apart for their exhibition and use. Special students of the college share in the collection and classification of type forms in the several departments.

ORGANIZATIONS CONNECTED WITH THE COLLEGE

The Literary Societies

These are four in number, the Orophilian Lyceum, the Philomathean Society, the Iduna Lyceum, and the Miltonian Lyceum. The first two are for men and the third and fourth are for women. All of these organizations hold their sessions on Saturday evening during the college year. At the end of each year, during Commencement Week, the societies present public programs. Excellent work has been done by each of these societies during the past year. Every student is urged by the faculty to become a member of some one of these organizations, because exceptional opportunities are offered to those who desire to improve in writing, in public speaking, in debating, and in a knowledge of parliamentary practice.

Christian Associations

The first religious organization of the college was established in 1856 for both men and women and continued so until May, 1907. At that time it was reorganized as a Young Men's Christian Association and a Young Women's Christian Association, both affiliated with the state and national organizations. They are absolutely non-sectarian in their organization and management. They hold three prayer and conference meetings a week during the college year. One of these is held on Friday evening and is open to both men and women. The other two meetings are held on Tuesday evening, one for men and the other for women. The associations usually hold three socials during the year, viz.: one at the beginning of the year, the second near the end of the first semester, and the third just before the spring recess. At these socials music is rendered, papers are read, addresses are presented. An effort is also made to introduce new students to the older ones, and all are invited to join the associations.

The moral and religious influence of these organizations on the student body and on the spirit and life of the institution cannot be overestimated.

The Athletic Association

This organization is composed of all students in the institution, and has charge of all the athletic games and contests connected with it. The contests arranged by the Association are subject to the rules governing athletics. Tennis in the autumn and spring, basket-ball in the Gymnasium during the winter, and baseball in the spring, are the principal games. Early in June of each year the Asssociation holds the annual Field Day, at which records are made in the several field events. The officers of the Association this year are as follows:

President—F. I. Babcock; Vice-President—W. D. Burdick; Secretary—Elizabeth R. Lamb; Treasurer—C. F. Gesler.

The Oratorical Association

This organization is composed of the members of the four Literary Societies, Iduna, Miltonian, Philomathean, and Orophilian, and the Faculty of the College. The officers are president, vice-president, secretary, and treasurer, chosen annually, one from each of the societies. These officers together with the President of the College and the Faculty of the English Department constitute an executive committee which has general charge of the business of the Association. Two contests are held each year, a declamatory contest in the autumn for the Academy students and an oratorical contest for the College students shortly before the spring recess. Valuable prizes of money are given at each contest. The officers of the Association for the present year are:

President—Zea Zinn; Vice-President—Vera L. Mack; Secretary—G. A. White; Treasurer—H. M. Pierce; Debate Manager—W. D. Burdick.

The Alumni Association

The Alumni Association of Milton College was organized in 1870, and its membership consists of those persons on whom the Institution has conferred honorary degrees, as well as those former students who have been graduated in all the courses of the College and of the old Academy. To this number should be added six distinguished former students who have been elected honorary members of the Association. This organization holds its annual meeting during Commencement Week and at this time a banquet is held. The officers of the Alumni Association for this year are:

President—J. D. Bond, '72; First Vice-President—J. N. Daland, '13; Second Vice-President—I. Ellice Roycroft, '05; Third Vice-President—Mrs. L. T. Hull, '12; Secretary-Treasurer—N. O. Moore, '03.

The Milton Forward Movement

Early in the college year, 1913-14, a movement was initiated among the students to co-operate with the Trustees of the college in all efforts to build up the institution, to increase the number of students in attendance, to foster a spirit of amity and good-will between the students and the community, and in all ways to work for the prosperity of the institution. At its inception this was known as the "Forward Movement." It is significant of the character of the student body of the college. The present officers of the organization are as follows: President, Marguerite Ingham; Recording Secretary, Grace Babcock; Corresponding Secretary, L. R. Polan; Treasurer, George Thorngate. There are also Vice-Presidents representing each of the literary societies.

COMMENCEMENT WEEK, 1914

June 12, Friday, 8 p. m., Sermon before the Christian Associations.

" 13, Saturday, 8 p. m., Joint Session of the Literary Societies.

" 14, Sunday, 8 p. m., Baccalaureate Sermon.

" 15, Monday, 2 p. m., Annual Exercises of the School of Music.

" 15, Monday, 8 p. m., Commencement Exercises of the Academy.

" 16, Tuesday, 8 p. m., Shakespearean Play, presented by the Literary Societies.

" 17, Wednesday, 2:30 p. m., Class Exercises.

" 17, Wednesday, 8 p. m., Annual Concert under the direction of the School of Music.

" 18, Thursday, 10 a. m., Commencement Exercises.

" 18, Thursday, 1 p. m., Alumni Luncheon.

" 18, Thursday, 3 p. m., Meeting of the Trustees and Alumni, or of the Alumni Association.

" 18, Thursday, 8-11 p. m., President's Reception.

CATALOGUE OF STUDENTS

COLLEGE

Senior Class

Frederic Irving Babcock	Edgerton, R. F. D
Ethan Lee Burdick	Milton
George Herbert Crandall	Milton
Anna Mary Gurley	Milton
Marguerite Ingham	Fort Wayne, Ind.
Myron Lesley Langworthy	Dodge Center, Minn.
Julius Smith Nelson	Milton
Archie Irving Wentworth	Edgerton
George Albert White	North Loup, Nebr.

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Junior Class

William Dighton Burdick	Farina, Ill.
Loyal Fay Hurley	Garwin, Ia.
Mabel Lewis	Stone Fort, Ill.
Harrison Morton Pierce	Alfred Station, N. Y.
Lester Ray Polan	Jackson Center, Ohio
Vida Lowe Thomas	Ely, Minn.
William Robert West	Milton Junction
Eleanor Wilbur	Milton

—8

Sophomore Class

Adelaide June Bartholf	Milton
Grace Daland Bonnell	Elizabeth, N. J.
William Kenworthy Bonnell	Elizabeth, N. J.
Allison Lovelle Burdick	Janesville

Elva Conrad	Elizabeth, N. J.
Stephanie Daland	Milton
Aster Fay Davis	Farina, Ill
Odessa Leola Davis	Delmar, Ia.
Clifford Franklin Gesler	Bangor
Frances Marian Ingham	Fort Wayne, Ind.
Elizabeth Risk Lamb	Janesville, R. F. D.
Lewis Arthur Lush	Harvard, Ill.
Anna Ensign Post	Milton
Kenneth Bowen Randolph	Milton
Clark Hull Siedhoff	Milton
Arlie Gladys Thorngate	North Loup, Nebr.
George Thorngate	North Loup, Nebr.
Mary Cecil Wentworth	Edgerton
Carroll Benjamin West	Milton Junction
Zea Zinn	Farina, Ill

—20

Freshman Class

Grace Leona Babcock	Welton, Ia.
Robert McFarlane Barlass	Janesville, R. F. D.
Clifford Leslie Burdick	Milton
Ethel Frances Carver	Marion, Ia.
Esther Crandall	Milton
Beth Marie Davis	Milton
Clarence Adelbert Davis	Verona, N. Y.
Margaret Dunn	Milton
Paul Llewellyn Fetherston	Milton
Marian Adelle Howard	Farina, Ill.
George Elmer Loftus	Walworth
Vera Lauredna Mack	New Auburn
Ralph Burnham Owens	Fort Atkinson,
Eva Blanche Rice	Milton
Nels George Sorensen	Dodge Center, Minn.

—15

Special Students

Elizabeth Belle Cartwright	Milton
Leta Mae Lanphere	Milton
Jessie Mildred Striegl	Milton
Rachel Ann Coon	Milton Junction
Lois Whitford	Farina, Ill.

—5

ACADEMY

Fourth Year

Geneva Elin Bennett	Milton, R. F. D.
Zela Mary Bennett	Milton, R. F. D.
Gladys Vera Cartwright	Chippewa Falls
Frank Gregory Hall	Milton
Ernest Raymond McCartney	Milton, R. F. D.
Melva Rachel Thorngate	North Loup, Neb.
Myra Willametta Thorngate	North Loup, Neb.
Dale Rex Van Horn	North Loup, Neb.

—8

Third Year

Everett Earl Allen	Harvard, Ill.
Charles Lester Davis	Riverside, Calif.
James Henry Hadden	Janesville, R. F. D.
Robert Hadden Lamb	Janesville, R. F. D.

—4

Second Year

John Menzies Barlass	Janesville, R. F. D.
Alexander Kenworthy Daland	Milton
Victor De Florence Freeborn	New Auburn
Frank Lawrence Greene	Plainfield
Albert Lyndon Kelley	Milton
Catherine Jane McLay	Janesville, R. F. D.

John McFarlane McLay	Janesville, R. F. D.
Harry Elno Talbot	Milton

—8

First Year

Gladys Eva Calkins	Delavan, R. F. D.
Hazel Marie Davis	Milton, R. F. D.
Pearl Marie Garey	Edgerton
Sarah Janette Lamb	Janesville, R. F. D.

—4

Special Students

Pansy Arlene Freeborn	Milton
Thomas Campbell Gaby	Milton

—2

SCHOOL OF MUSIC

Harmony

Beth Bingham	Milton, R. F. D.
Gladys Vera Cartwright	Chippewa Falls
Jessie Mildred Striegl	Milton Junction, R. F. D.
Lois Whitford	Farina, Ill.

—4

Voice Culture

Harold Bennett	Milton, R. F. D.
Leslie Bennett	Milton, R. F. D.
Allison Lovelle Burdick	Janesville
Belle Campbell	Janesville
Rachel Ann Coon	Milton
Jennie Crandall	Milton Junction
Percy Jay Crandall	Milton
Charles Lester Davis	Riverside, Cal.
Victor DeFlorence Freeborn	New Auburn

Anna Mary Gurley	Milton
Mabel Lewis	Stone Fort, Ill.
Clark Hull Siedhoff	Milton
Hazel Stewart	Milton Junction

—13

Pianoforte

Clyde Ellsworth Arrington	Milton
Doris Babcock	Milton
Mrs. H. M. Barbour	Milton
Geneva Elin Bennett	Milton, R. F. D.
Zela Mary Bennett	Milton, R. F. D
Beth Bingham	Milton, R. F. D
Relda Louise Burdick	Milton
Ruth Burdick	Milton
William S. Burdick	Milton
William Dighton Burdick	Farina, Ill.
Gladys Eva Calkins	Delavan, R. F. D.
Mildred M. Campbell	Milton
Gladys Vera Cartwright	Chippewa Falls
Marion Coon	Milton Junction
Vera Evelyn Coon	Milton Junction
Thelma Alene Davis	Milton
Lois Goodrich	Milton
Marion Hull	Milton Junction
Mrs. Mae Hurley	Milton
Rex Hurley	Milton
Frances Marian Ingham	Fort Wayne, Ind.
Lucine E. Jones	Janesville
Wilna M. Jones	Janesville
Beulah Lanphere	Milton
Mrs. V. S. Larson	Milton
Anna Lincoln	Milton
Mona Lovell	Milton
Catherine Maxson	Milton

Janet Maxson	Milton Junction
Vera Lauredna Mack	New Auburn
Bertha McWilliam	Milton
Genevieve McGowan	Milton Junction
Marjory Mitchell	Milton Junction
Anna Ensign Post	Milton
Jessie Post	Milton
Kenneth Bowen Rrandolph	Milton
Lillian Sommerfeldt	Milton, R .F. D.
Jessie Mildred Striegl	Milton Junction, R. F. D.
William Summers	Milton, R. F. D.
Clara Helen Sunby	Milton
Clifford Thomas	Milton
Arlie Gladys Thorngate	North Loup, Neb.
Winifred Van Horn	Milton
Mary Cecile Wentworth	Edgerton
Nellie May Wilcox	Milton, R. F. D.
Albert Edward Whitford	Milton
Lois Whitford	Farina, Ill.
Stella Yale	Milton, R. F D.

—48

Violin

Lawrence Elmore Babcock	Milton
Robert McFarlane Barlass	Janesville, R. F. D.
Herbert Barnes	Milton
Ardis Bennett	Milton, R. F. D.
Goldie Davis	Milton
Violet Livingston	Milton Junction
Dorothy Maxson	Milton
Rolland Maxson	Milton
Doris Randolph	Milton
Violet Shadel	Milton Junction
Lorraine Summers	Milton

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Elementary Singing Class

Gladys E. Calkins
Hazel M. Davis
Ruth Gifford
Helen Holliday
Janette Lamb
Myra W. Thorngate
John M. Barlass
Robert M. Barlass
Joe Campion
Paul L. Fetherston
John Holmes
John McBride
Ray McCartney
John M. McLay
Elmer Rumpf
Archie I. Wentworth

—16

MILTON COLLEGE ORCHESTRA

Alberta Crandall, Director

First Violins
Rolland H. Maxson
Goldie E. Davis
Charles L. Davis
Marian Howard

Viola
William C. Daland

Bass
M. M. Lanphere

Clarinet
William D. Burdick

Cornets
L. H. North
M. L. Langworthy

Second Violins
Jessie M. Striegl
William K. Bonnell
Lawrence Babcock

Violoncello
Clark H. Siedhoff

Trombones
Gladys V. Cartwright
Charles S. Maxson

Piano
Rachel A. Coon

Drum
Leo Lanphere

SUMMARY OF THE CATALOGUE OF STUDENTS

College

Senior Class	9
Junior Class	8
Sophomore Class	20
Freshman Class	15
Special Students	5
Total	57

Academy

Fourth Year	8
Third Year	4
Second Year	8
First Year	4
Special Students	2
Total	26

School of Music

Harmony	4
Voice Culture	13
Pianoforte	48
Violin	11
Singing Class	16
College Orchestra	17
Total in the School of Music counted once	94
Total in the School of Music not in the College or in the Academy	62
Total in the Institution	145

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Catalogue of

MILTON COLLEGE

1914-1915

UNIVERSITY OF ILLINOIS
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THE PRESIDENT'S HOME

Catalogue of

MILTON COLLEGE

1914-1915

1915

CALENDAR FOR YEAR 1915-'16.

1915		
Sept. 6-8	Monday-Wednesday	Registration days
Sept. 9	Thursday	First semester begins
Nov. 25-28	Thursday-Sunday	Thanksgiving recess
Dec. 21	Tuesday	Sophomore and junior orations due
Dec. 22	Wednesday	Christmas recess begins
1916		
Jan. 5	Wednesday	Recitations resumed
Jan. 20	Thursday	Day of prayer for colleges
Jan. 17-21	Monday-Friday	Registration days for second semester
Jan. 25-28	Tuesday-Friday	Final examinations, first semester
Jan. 31	Monday	Second semester begins
Mar. 16	Thursday, 8 p. m.	Oratorical contest
Mar. 22-28	Wednesday-Tuesday	Spring recess
Mar. 29	Wednesday	Recitations resumed
May 30	Tuesday	Memorial Day; holiday
June 5-9	Monday-Friday	Final examinations, second semester

COMMENCEMENT WEEK.

June 9	Friday, 8 p. m.	Sermon before the Christian associations
June 10	Saturday, 8 p. m.	Joint session of literary societies
June 11	Sunday, 8 p. m.	Baccalaureate sermon
June 12	Monday, 2 p. m.	Annual exercises of the School of Music
June 12	Monday, 8 p. m.	Commencement exercises of the Academy
June 13	Tuesday, 8 p. m.	Shakespearean play, presented by the literary societies.
June 14	Wednesday, 2:30 p. m.	Class exercises
June 14	Wednesday, 8 p. m.	Annual concert under direction of School of Music.
June 15	Thursday, 10 a. m.	Commencement exercises
June 15	Thursday, 1 p. m.	Alumni luncheon
June 15	Thursday, 3 p. m.	Meeting of old students and alumni
June 15	Thursday, 8-11 p. m.	President's reception

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Office expires in 1915

Prof. ALBERT WHITFORD, M. A., Milton
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J. NELSON HUMPHREY, M. A., Whitewater
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WILLIAM A. LEIGHTON, B. A., LL. B. Edgerton
JAMES H. COON, Milton
TRUMAN A. SAUNDERS, Milton
GEO. W. POST, M. A., M. D., Chicago, Ill.

Office expires in 1916

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Rev. THEODORE J. VAN HORN, M. A. Dodge Center, Minn.
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BENONI I. JEFFREY, Milton
GEORGE E. CROSLEY, M. D., Milton

Office expires in 1917

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C. EUGENE CRANDALL, M. A., Ph. D., Milton
Hon. PAUL M. GREEN, Milton
WALTON H. INGHAM, Ph. B., Fort Wayne, Ind.
JAMES MILLS, M. S., M. D., Janesville
ALBERT S. MAXSON, M. D., Milton Junction
WARDNER WILLIAMS, Ph. D., Mus. D. Denver, Colo.
OTTO F. SEEGER Milton Junction
JUSTIN H. BURDICK, M. D., Milton

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ALLEN B. WEST, Secretary.
C. EUGENE CRANDALL, Treasurer.
WALTON H. INGHAM, Financial Agent.

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Medical Director for Women

Dr. SUSAN S. RANDOLPH.

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*Committee of the Faculty, appointed by the Board of Trustees.

FACULTY

WILLIAM CLIFTON DALAND, M. A., D. D., President, Professor of theEnglish Language and Biblical Literature.

B. A., Brooklyn Polytechnic Institute, 1879; Student, Union Theological Seminary, New York City, 1883-'86; M. A., Alfred University, 1887; D. D., Milton College, 1896; D. D., Alfred University, 1903; Organist and Teacher of Music, Elizabeth, N. J., and Brooklyn, N. Y., 1874-'86; Pastor, Leonardsville, N. Y., 1886-'91; Pastor, Westerly, R. I., 1891-'96; Pastor, London, England, 1896-1900; Pastor, Leonardsville, N. Y., 1900-'02; President, Milton College since 1902. Published The Song of Songs, translated from the Hebrew, with notes, 1st edition, 1887; 2nd edition, 1888.

ALBERT WHITFORD, M. A., Professor Emeritus of Mathematics and Astronomy.

WALTER DAVIS THOMAS, M. A., Professor of Greek Language and Literature.

Graduate, Union Academy, Shiloh, N. J., 1873; Teacher Public Schools, 1873-'84; B. A., Milton College, 1884; M. A., Milton College, 1887; Professor, Greek Language and Literature, Milton College, since 1884; Graduate Student, Special work in Greek, Summer Term, University of Chicago, 1897; Student in Greek and History, Summer Sessions of University of Wisconsin, 1901 and 1903.

ALFRED EDWARD WHITFORD, M. A., Professor of Mathematics and Physics.

B. A., Milton College, 1896; M. A., Milton College, 1901; M. A., University of Wisconsin, 1911; Assistant Principal, Waupun High School, Waupun, Wis., 1896-'97; Principal, Milton Public School, 1897-'99; B. A., University of Chicago, 1900; Graduate student in Physics, University of Chicago, 1900-'01; Professor of Physics and Assistant in Mathematics, Milton College, 1901-'10; Assistant in Mathematics, University of Wisconsin, 1910-'11; Professor of Mathematics and Physics, Milton College, since 1911.

Note—With the exception of the President, professors are named in the order of their appointment.

ALBERT ROGERS CRANDALL, M. A., Ph. D., Professor of Natural History and Physiology.

B. A., Milton College, 1873; M. A., Milton College, 1876; Ph. D., Milton College, 1885. Entered the Academic Department of Alfred University in 1858. His studies were interrupted by the Civil War. After nearly two years and a half of service in two enlistments, he was mustered out with the rank of First Lieutenant. After studying three years at Milton College and teaching one year as principal of Big Foot Academy, Walworth, Wis., was special student in the Museum of Comparative Zoology at Harvard University during five years, taking special studies in geology, paleontology, and zoology with botanical studies at the Botanical Garden, and also art studies for one year at the Boston Lowell Institute Evening School. During these years the long summer vacations were spent in field studies as a collector for the Museum of Comparative Zoology. These studies were extended over parts of Rhode Island, Massachusetts, and Maine; to the Ottoway region in Canada; to western New York, and along the Appalachian belt from the Catskills to Northern Georgia and Alabama. Appointed Assistant of Prof. N. S. Shaler of Harvard University in the work of the Kentucky Geological Survey, 1873. Instructor in the Department of Natural History of the Agricultural and Mechanical College of Lexington, Kentucky, 1873-'74. Three years later was appointed Professor. Instructor in the Summer School of Geology organized by Professor Shaler at Cumberland Gap, Kentucky and Virginia, in 1875. Continued work on the Geological Survey in conjunction with his duties as professor of Natural History until 1893. Professor of Natural History in Alfred University, 1896-1903. Professor, Natural History, Milton College since 1903. Formerly fellow of the American Association for the Advancement of Science and of the Geological Society of America. Member of the Advisory Council on Religious Congresses in connection with the World's Columbian Exposition, Chicago, 1893. Among his published works are reports on the Geology and Botany of Eastern Kentucky, Vols. 1, 2, and 4, second series, and Vol. C of later reports, besides many papers and addresses.

ALBERT WESLEY KELLEY, Ph. D., M. D., Sc. D., Professor of Chemistry.

B. S., Union College, 1876; Ph. D. (in course), Otterbein University, 1892; M. D., College of Medicine and Surgery, 1896; Sc. D., Adrian College, 1906. Professor of Natural Science, Fostoria College, 1879-'86; Professor of Chemistry and Biology, Battle Creek College, 1886-'99; Professor of Chemistry and Biology, Union College, 1899-1901; Dean and

Professor of Chemistry, Adrian College, 1901-'06; Professor of Natural History and Agriculture, Alfred University, 1906-'07; Special Lecturer in Medical Chemistry and Bacteriology, College of Medicine and Surgery, 1893-1907. Professor of Chemistry, Milton College, since 1908.

DAVID NELSON INGLIS, M. A., Professor of Romance Languages.

B. A., Milton College, 1905; M. A., University of Wisconsin, 1908; Principal of Graded School, Marquette, Wisconsin, 1905-'07; Student, University of Wisconsin, 1907-'08; Assistant in Romance Languages, University of Wisconsin, 1908-'10. Professor of Romance Languages, Milton College, since 1910.

LEMAN H. STRINGER, B. A., Professor of Public Speaking, Instructor in Voice and Physical Training.

B. A., Milton College, 1909; Teacher, West Allis High School, 1909-'12; Professor of Public Speaking, Milton College, since 1912.

HARRIS MERRILL BARBOUR, M. A., Professor of Philosophy and History.

B. A., Brown University, 1906; B. D., Newton Theological Institution, 1909; Minister, Arlington Heights, Mass., 1909-'11; Graduate Student and Assistant in Philosophy, Brown University, 1911-'13; M. A., Brown University, 1913; Professor of Philosophy and History, Milton College, since 1913.

JOHN NORTON DALAND, M. A., Professor of Latin Language and Literature.

B. A, Milton College, 1913; M. A., University of Wisconsin, 1914. Professor of Latin Language and Literature, Milton College, 1914.

Mrs. ANNA SOPHIA CRANDALL, M. A., Instructor in German Language and Literature.

B. A., Milton College, 1881; M. A., Milton College, 1885; Instructor, German Language and Literature, Milton College, 1881-'82; Student in Hebrew Language and Literature at Morgan Park Baptist Theological Seminary, 1882-'86; Studied German in Berlin, Germany, 1899-1900; Instructor, German Language and Literature, Milton College, since 1900.

Miss MABEL MAXSON, M. A., Instructor in English Literature.

B. A., Milton College, 1911; M. A., University of Wisconsin, 1912; Instructor in English Literature, Milton College, since 1912.

Miss EDNA MARTHA WIEGAND, B. A., Instructor in Latin.

B. A., 1911, Lawrence College; Instructor in Latin, Milton College, since 1911.

Miss ADA ELIZABETH CRANDALL, B. A., Instructor in Latin and English.

B. A., Milton College, 1912; Instructor in English and French, Salem College, 1912-1914; Instructor in Latin and English, Milton College, 1914.

MISS ALBERTA CRANDALL, Instructor in Piano Playing.

Student, Milton College and School of Music, 1893-'98; Certificate Pianoforte Course, 1908; Student and Teacher of Piano, Alfred University 1898-1901; Special student under Dr. W. S. Matthews of Chicago, 1901; Student, New England Conservatory of Music, Boston, Massachusetts, 1902-'03; Student, New England Conservatory of Music, pupil of Carl Baermann, 1907-'08. Instructor in Piano Playing, Theory, and History of Music, Milton College, since 1903.

Mrs. ELLEN CRANDALL PLACE, Instructor in Violin Playing.

Student, Milton College and School of Music, 1893-'98; Student and Teacher of Violin, Alfred University, 1898-1901; Student, Violin at Bostlemann Conservatory of Music, Corning, N. Y., 1900-'01; Student, Violin Playing and Orchestration, New England Conservatory of Music, Boston, Mass., 1902-'04. Instructor in Violin Playing, Milton College, since 1904.

Miss MABEL MAXSON, M. A., Librarian.

Prof. A. E. WHITFORD, M. A., Registrar.

GENERAL INFORMATION

Milton College is situated in the village of Milton, Rock County, Wisconsin, on the Prairie du Chien division of the Chicago, Milwaukee and St. Paul Railway, and at the Junction of this division with the Mineral Point branch, which unites at Janesville with two other lines of that railroad going to Chicago. One mile west of the village, the Prairie du Chien division crosses at Milton Junction the Janesville, Watertown and Fond du Lac line of the Chicago and Northwestern Railway. By these great thoroughfares, direct access is secured several times a day to the principal parts of the Northwest.

The institution was first opened as a Select School in the village of Milton in the vear 1844. In the year 1848 it was incorporated as Du Lac Academy, which in 1854 was reorganized under the name of Milton Academy. In April, 1867, by an act of the State Legislature, it was created Milton College, under which name and style it has since been carried on as a college of liberal arts, with a preparatory department, now called the Academy of Milton College, and a School of Music.

The moral and religious influences of the community about the institution are unsurpassed. The village has always been free from the haunts of idleness and dissipation, and is still one of the safest in these respects where young men and women may attend school. Its inhabitants have had long experience in association with students, and have from the beginning exercised the most kindly feelings and thoughtfulness in assisting them in their work, and in encouraging them to acquire a thorough and liberal education.

AIMS OF THE INSTITUTION

Milton College has won its favorable reputation and maintained its usefulness by the steady and earnest pursuit of the following ideals:—

1. It has been from the first co-educational, offering all its advantages equally to men and women.

2. Encouragement and opportunities of self-support are always given as far as possible. It is possible for industrious students to earn enough to help them pay a large part of their expenses. Nevertheless it is unwise for a new student to depend upon obtaining work at once. It is desirable that such coming for the first time have sufficient funds to pay his expenses for at least one semester, or one half the college year.

3. While students are admitted at any time, and may choose any studies offered either in the academy or the college, which they are qualified to pursue, they are nevertheless advised to select definite courses of study and pursue the same consistently. They are also advised to enter at the beginning of the college year and continue their studies through one year at least. This is especially urged upon students who have to interrupt their studies in order to earn money for their expenses. It is better to spend a year in earning money and then attend college for a year than to spend a part of each year in study and another part in earning money.

4. From the first, Milton College has aimed to secure thoroughness in all the student's work and sound preparation at every stage of education as a basis for further advancement.

5. The system of discipline enforced has as its aim the following ends: First, to secure excellent proficiency of the student in his classes; second, to aid him in the formation of those habits of life which will insure success, and to develop those traits of character which will render him self-reliant, courteous, law-

abiding, and upright. The sentiments of personal honor and goodwill are called into action in securing good order among the students; and appeals are made to one's sense of duty in supporting rightful authority and in maintaining the high character of the institution.

6. While the teachers try by precept and example to inculcate the principles of the Christian religion, no sectarian tenets are taught. Daily chapel exercises are held; regular weekly prayer meetings are sustained by the students themselves, who are encouraged to attend divine services of some church of their choice; any religious truth, not of a denominational character, may be explained in the ordinary recitations and in the devotional exercises, when occasion seems to demand such explanations.

GOVERNMENT OF THE STUDENTS

I. Terms of Admission

1. No person is admitted to a class until matriculated as a student and duly registered at the office for the study in question. Days are appointed for this purpose at the beginning of each semester, although students may, if necessary, be admitted at other times.

2. Admission to the Freshman class of the College is in accordance with the entrance requirements as stated on pages 21 and 22.

3. Admission to the classes of the Academy is in accordance with the standing of the student, determined either by examination or by credited standings from other schools.

4. Students in the School of Music are subject to the judgment of the instructors as to their qualifications.

5. Students in the School of Music and those pursuing special courses must conform as well as others to the general rules and regulations.

6. Applicants for admission from other institutions must present certificates of dismission in good standing when required to do so.

II. General Government

1. The general oversight of the deportment and studies of the students is assigned by the Trustees of the college to the Faculty, of which the President is the executive officer. An appeal from any decision or arrangement of his, as well as any request for any special or general favor, may be made through him directly to the Faculty.

2. Students matriculating and taking up studies in any courses are regarded as pledging themselves to obey the following rules and regulations, and any others that may be made by the Faculty or Trustees.

III. Regulations Concerning Studies

1. All charges for tuition and other fees must be paid in advance. No deduction in these will be made for an absence of less than half a semester. No student will be admitted to any class until his fees for the semester have been paid or until satisfactory arrangements have been made with the treasurer for payment at a later time.

2. After a student is admitted and his studies are registered at the office, no change in these will be allowed without the permission of the President.

3. Any student who desires to pursue a study outside of a class and receive credit therefor must first obtain special permission from the faculty. Such work must be carried on under the supervision of the professor in charge of the department in which the study is pursued. The fee for such supervision is noted in the table of fees under "Miscellaneous Information," and must be paid with the other fees at the office.

4. Regular study and punctual attendance upon all recitations and prescribed exercises are required of all students. All students are expected to attend the daily chapel exercises. Any college student who during any semester is absent from chapel exercises to the number of one in ten of the whole number will be required to take two semester-hours' additional work in his course toward his degree. Any academy student similarly absent will be required to do additional work toward graduation to the amount of one half unit.

5. Professors and instructors may deduct one unit on a scale of one hundred from a student's standing for a semester in any study for each unexcused absence from a class exercise in that study. All applications for excuses for absence from recitations shall be made to the President, in advance if possible, and such excuses when so obtained shall be filed with the proper instructor. Blanks for this purpose are provided at the office.

IV. Student Activities and General Deportment

1. At the beginning of each college year there is formed a Student Council, consisting of ten representatives, one from each college class, one from each of the four literary societies, and one from each of the two Christian Associations. This council may be called by the President of the college when he desires the co-operation or advice of the student body in regard to any matter of policy or of discipline. These rules and regulations are either such as have been in force for many years or else such as have been made with the co-operation of the student council.

2. To assist in the regulation of student activities each college class, at the beginning of the year, chooses a class adviser from the members of the faculty. The class adviser represents the faculty in dealing with the class and is the advocate of the class in dealing with the faculty.

3. All public meetings, entertainments, or social gatherings of the students are held subject to the approval of the President. But to assist in the regulation of the number of public college functions, the President's approval must be obtained before any public meeting is announced or any date set for the same. A bulletin of approved college functions will be posted at the college every Friday morning for the following week.

4. All social college functions must have chaperons approved by the faculty. All evening meetings of academy classes or all meetings of these classes for social purposes must have chaperons approved by the faculty. The chaperonage of evening or social meetings of college classes is left to the discretion of the class adviser.

5. General college functions should not be held later than half past ten o'clock.

6. Students who do not live with parents or guardians and who have occasion to leave the village should obtain permission to do so from the President.

7. Profane and obscene language at all times and gambling

in all forms are forbidden.

8. Students convicted of using intoxicating liquors, except by order of a physician, shall forfeit their standing in the institution.

9. Students are prohibited from using tobacco on the grounds or in the buildings of the institution.

V. Rules Governing Goodrich Hall

1. The Hall will be closed at ten o'clock in the evening.

2. Young ladies who are obliged for any reason to be out in the evening are expected to make an arrangement for their absence with the preceptress and must not remain out later than ten o'clock unless such arrangement is perfectly satisfactory to the preceptress.

3. The young ladies are expected to refrain as far as possible from visiting each other in their rooms during the hours devoted to college recitations. They are asked to discourage visits during these hours.

4. Gentlemen visitors are not allowed at all in the young ladies' rooms, but may be received in the reception room at proper times, subject to any arrangement the preceptress may see fit to make. This regulation is not intended to apply to parents or guardians nor in case of parties given subject to the approval of the preceptress.

5. Parties or other entertainments in the Hall may be given only subject to the approval of the preceptress.

VI. Rules Governing Athletics

1. All athletic affairs are under the supervision of the Faculty Committee on Supervision of Athletics, which is appointed by the Trustees and acts in consultation with the President of the college. The immediate control of the Gymnasium is assigned to the Physical Director.

2. No games or sports of any kind are permitted on any part of the campus or in the gymnasium on either the Seventh or First days of the week, except that the gymnasium may be used for public games on Saturday evening, but not on Friday evening.

3. No playing of any kind or athletic practice of any kind shall be carried on in the vicinity of the buildings in which classes are held between 8 a. m. and 12:00 noon, or between 1:00 and 4 p. m. But the tennis courts may be used from noon till dusk, although not from 8 a. m. to 12:00.

4. The gymnasium is regularly open after 3:00 p. m. each school day and is closed not later than 7 p. m.

5. In arranging schedules of games the manager of every team shall consult with the chairman of the Faculty Committee on Supervision of Athletics.

6. A team may not play more than one regularly scheduled game per week, except in the case of a single trip to two or three institutions situated near together, and as far as possible games away from home should alternate with games at home.

7. Students pursuing regular studies to the amount of ten recitation periods a week in either college or academy are eligible to represent the institution in athletic contests, provided they have been registered at the beginning of the semester during which the contests are held; except that no student is allowed to play on any team who has done unsatisfactory work for two consecutive weeks. Further, no student who is pursuing studies in another institution that has an athletic team is allowed to play on a similar team representing Milton College.

VII. Requirements and Regulations Concerning Gymnasium Work

1. Gymnasium classes are to begin their work on or about October 1 each year and continue while college is in session until

April 1. This shall be considered a year's work. The remainder of the year is to be given over to tennis, baseball, track athletics and the like.

2. Two years of gymnasium work shall be required of all students during their college course, unless they are exempted therefrom as hereinafter provided.

3. No student shall be exempt from gymnasium work unless by advice of the Medical Director or upon the certificate of an employer showing that the work in the gymnasium interferes with the earning of a livelihood. Reasons for exemption shall all be presented to the Medical Director, who, in case the grounds for exemption are sufficient will give a written permit for exemption to be presented to the Physical Director.

4. No student shall receive credit for a semester's work in the gymnasium unless he attends seventy (70) per cent of the class periods for that semester.

5. A year's work shall consist of two periods per week from Oct. 1 to Apr. 1. Men's classes are usually held on Mondays and Wednesdays; Women's classes, on Tuesdays and Thursdays.

6. Gymnasium costume for women shall consist of middy blouses and full bloomers. All suits shall be of uniform pattern, color, and material; they shall all be approved by some person to be designated by the Committee on Supervision of Athletics.

7. No student shall be allowed to wear gymnasium costume outside the gymnasium except as permitted by the Physical Director.

8. Rules concerning the use of the Gymnasium and behavior in the building are posted in the building itself and must be obeyed.

VIII. Rules Respecting Examinations

1. Besides the final examination held at the close of each semester, frequent written tests are held during the semester; from an average of the student's standings in these examinations

as well as from his standings in daily recitations the final standings are determined.

2. No student whose absence from recitations or other exercises in a given study reaches a total of ten per cent of the whole number of class exercises in that study in a given semester will be allowed to take his final examination in that study except by special permission of the faculty, which permission shall be obtained by petition of the student so absent. In computing such percentage excused as well as unexcused absences shall be counted, and an absence on the first day of a semester or the last day before a recess or the first day after a recess shall be counted as two absences.

3. College seniors whose class standings are above ninety per cent during the second semester may be excused from taking final examinations in June.

4. In order to receive credit for any study a student must reach an average standing of at least seventy on a scale of one hundred. A student whose final standing in any college study is sixty-five per cent or more, but below the passing grade, is conditioned in that study and may at an appointed time within a year take an examination to remove the condition.

5. A student failing without excuse to take a written test in any class will not be allowed to continue in that class until he has complied with his duty, and a student failing to take the final examination in any study will not be allowed to register for a subsequent semester unless by special permission of the Faculty he arranges to take the examination in question.

6. For every special final examination—that is, for every final examination held for the benefit of a single student—a fee of one dollar is charged. See table of Fees.

IX. Arrangements Respecting Graduation

1. A student completing satisfactorily the studies in any one of the courses of the academy is graduated in that course, and

receives a diploma certifying the fact.

2. Students having completed the studies in any one of the courses in music, (pianoforte, violin, viola, violoncello, vocal music, voice culture, or harmony) together with the studies in any one of the courses of the academy or their equivalent, will be entitled to receive certificates of graduation in such course.

3. Students who are graduated from the college receive the degree of Bachelor of Arts.

X. Use of the Library

1. The oversight and control of the Library of Milton College and of all arrangements in connection with the use of the Library and Reading Room is assigned to the Librarian, who is appointed by the Trustees and acts in consultation with the President of the college.

2. Special regulations concerning the use of the Library are posted in the Library itself. See also in this catalogue pages 62 and 63.

ENTRANCE REQUIREMENTS

Every student who enters the Freshman class must offer fifteen (15) entrance units. The term unit means the equivalent of five recitations a week for one year in one branch or closely allied branches of study. These shall be as follows:

Mathematics (algebra 1, geometry 1)	2 units
English	3 "
History (ancient history 1, or medieval and modern history 1, or United States history 1, or English history 1)	1 "
Science (botany 1, or botany and physical geography 1, or chemistry 1, or physics 1, or physiology or physical geography 1, or zoology 1)	1 "
Language (Latin 4, or two languages each 2)	4 "
	11 units

Any four units from the following:

One language	1 or 2 units
English	1 or 2 "
History	1, 2, or 3 "
Civics and economics	1 "
Mathematics	1 "
Science	1, 2, or 3 "
Optional subjects	1 "

If one unit only of language is offered in addition to the language included in the first list of eleven units, it must not be first year work in any language.

Students who can offer only two units of language, but who have enough other credits to make up the full fifteen (15) units, will be admitted to the freshman class, provided that they take two years of another language in the Academy of Milton College, for which ten (10) semester-hours' credit will be given on their free electives in the college course, except in the case of Greek, for which sixteen (16) semester-hours' credit will be given, and in case of French, pursued in the college, for which twenty (20) semester-hours' credit will be given.

Sixteen semester-hours' credit may be given for Cicero and Virgil pursued by college students fully prepared in language.

The description of courses under "Studies in the Academy" constitutes a detailed statement of the most of the entrance requirements and may furnish to those who are planning their high school courses suggestions as to what Milton College considers the preparation that will enable them to pursue their college studies to the best advantage.

Admission

Students who are graduates of any high school or academy which is on the accredited list of preparatory schools published by the University of Wisconsin will be admitted to the college upon the presentation of a certificate signed by the principal showing the satisfactory completion of the fifteen (15) required units as shown under "Entrance Requirements." Other students desiring to enter the college will furnish certificates of work done in their respective preparatory schools, and may be called upon to submit to entrance examinations in part or in all of the subjects offered for entrance from the school in question. When, as sometimes happens, such students are conditioned in one or more subjects, they are allowed to make up their conditions in the Academy of Milton College. Blank forms for use in making out certificates may be obtained from the Registrar of the College.

The statements concerning work required for admission to

college are to be interpreted in the light of the general principle that what the college seeks in those who come as freshmen is ability to do well the work of the college course. The statements set forth what in general the faculty believes to be the preparation that is most likely to secure this ability. But a preparatory course well and thoroughly pursued by a student of ability, even though that course may lack certain of these requirements, is likely to insure better work in college than a preparatory course complete in every respect, but pursued superficially and carelessly by an indifferent student. Nevertheless, the foregoing statements are those that best express the judgment of the faculty of Milton College, in view of the courses usually offered in high schools.

Additional Test

In the eleven required units mentioned are three units of English. This represents what the faculty thinks desirable. But students may be admitted with two units of English, provided that their course is otherwise complete, comprising fifteen units.

Beginning, however, in September, 1914, an additional test will be imposed upon students who offer themselves for entrance. This test will be with a view to discover their ability to think consecutively and clearly and to express their thoughts in correct and appropriate language. Those who satisfactorily pass this test will be admitted to the regular freshman work in English. Those who are not successful will not enter the freshman English class, but will be assigned to a preparatory class in English for one year. For the work of this class they will receive no credit on their college course. But they will have to complete this preparatory course before they take the regular freshman English work. Hence it will be readily seen that it will be impossible for a student who fails in this test to finish all of his freshman work in a year from the time he enters college.

General Statement

The unit upon which as a basis college courses are com-

puted is the semester-hour, which is equal to one hour of recitation or lecture per week for one semester. Two hours of laboratory work receive credit as one semester-hour. Students are expected to take sixteen (16) hours per week in recitations, lectures, and laboratory work, making thirty-two (32) semester-hours per year, and one hundred and twenty-eight (128) for the course. No student will be permitted to receive toward graduation credit of more than eighteen (18) semester-hours in one semester in regular studies except by permission of the faculty obtained in advance. Such permission will not be granted in any year to a student whose average standing during the preceding year has not reached ninety per cent. A student whose average standing during any year fails to reach eighty per cent will not be permitted during any following semester to receive credit for more than twelve (12) semester-hours until he has attained a standing of at least eighty-five per cent.

Required Work

The required work by years is as follows:

Freshman year		
	English 3 hours per week	6 s.-h.
	Mathematics 3 hours per week	6 s.-h.
	Two languages each 5 hours per w'k	20 s.-h.
		32
Sophomore Year		
	History 3 hours per week	6 s.-h.
	Psychology 3 hours per week	6 s.-h.
	Natural science 5 hours per week	10 s.-h.
	Elective 5 hours per week	10 s.-h.
		32

Junior Year

Logic and philosophy 3 hours per w'k	6	s.-h.
Public speaking 2 hours per week*	4	s.-h.
Elective 11 hours per week	22	s.-h.
	32	

Senior Year

Ethics 2 hours per week	4	s.-h.
Elective 14 hours per week	28	s.-h.
	32	

Total for the course 128

Of the two languages pursued in the freshman year one must be a continuation of a language offered for entrance. The student may take his natural science in the freshman year and then defer the second language till the sophomore year. This is recommended to those taking science as a major. The second language may be freely chosen, but the first year's work in any language will not be accepted as fulfilling the requirement of the second language until the second year's work in that language is taken.

Major Study

The studies of the college courses are divided into three groups as follows:

I. Language and Literature.
II. History, Social Science and Philosophy.
III. Natural Science and Mathematics.

At the beginning of the sophomore year, a candidate for a baccalaureate degree must, with the advice of the President, choose a major subject from one of the above groups and a minor subject from another department of the same group; provided, however, that a suitable language may be chosen as a

*Public speaking may be taken in the sophomore year in addition to the other work; this is advised if the student can arrange time for it then.

minor subject in connection with any major and that mathematics may be chosen as a major subject in connection with a minor in either group I. or group II. He will be required to do not less than twenty (20) semester-hours in his major subject and not less than ten (10) semester-hours in his minor. Studies to be counted toward work in the major and minor subjects are allowed only according to the judgment of the professor in charge of the work in question. The electives of the sophomore year should be devoted to the major subject.

Electives for the Sophomore Year

I	II	III
Latin	Economics	Conics and Surveying
Greek	History of Education	Analytics
French	Advanced Civics	Biology
Spanish	English Bible	Chemistry
German		Physics
Sophomore Composition		Mechanical Drawing
Anglo-Saxon and Middle English		
English Literature		

Electives for the Junior and Senior Years

I	II	III
Latin	History	Conics and Surveying
Greek	Economics	Analytics
French	Advanced Civics	Calculus
Spanish	History of Philosophy	Astronomy
German	History of Education	Biology
Old and Middle High German	Pedagogy	Zoology
Old Saxon	English Bible	Botany
Gothic		Physiology
Anglo-Saxon		Geology
Middle English, etc.		Chemistry
English Literature, etc.		Physics

Degrees

All graduates from Milton College receive the degree of Bachelor of Arts.

Orations

Each student in the sophomore and junior year is required to produce an oration. These orations must be finished and handed to the President before the Christmas recess. They must be delivered either in the annual contest of the Oratorical Association of the college, or in one of the preliminary contests, or in some public exercise arranged by the faculty and held on a date earlier than that of the annual contest.

Theses

A thesis on some subject connected with the major study is required of every student for graduation for which four (4) semester-hours' credit is given in the senior year. Theses must be typewritten and furnished for the college library by the Friday before Commencement. Diplomas will be withheld from students that fail to comply with this requirement.

Teachers' Certificates

According to recent legislation all applications by college graduates for life certificates to teach in the state of Wisconsin are to be considered solely upon their merits. Any graduate desiring to obtain such a certificate must file an application setting forth the studies he has pursued, duly certified by the college from which he is graduated. He may then be required to take an examination in certain subjects. If the application is satisfactory and the examination is duly passed, a certificate will be granted after two years' successful experience in teaching and the maintenance of a good moral character.

DEPARTMENTS OF INSTRUCTION

English

1 Freshman English.

Lectures on English composition. Exercises in paragraph and theme writing, directed toward the formation of an effective prose style. Text-books: Linn's *Essentials of English Composition* and *Illustrative Examples of English Composition.* Required of all college students in the freshman year. *Three hours a week throughout the year.*

Note—The work in this course consists of the following parts:

a) Class exercises or lectures three times a week.

b) Short themes twice a week.

c) Weekly translations from a foreign language.

d) Longer bi-weekly themes based on the required readings.

e) Required readings: (1) A book of general reading and a standard novel, (2) Winchester's *Principles of Literary Criticism*, (3) Matthew Arnold's *Essays in Criticism*, selected.

2 Sophomore Composition.

Narrative composition. During the recitation hour the class pursues the study of the American short story. Compositions are required weekly or fortnightly. Elective. *Two hours a week throughout the year.*

3 Elementary Anglo-Saxon.

An elementary course with a view to the mastery of the grammar and the reading of normal West Saxon prose, especial attention being given to the derivation of words. Text-book, Cook's *First Book in Old English*, supplemented by selections from Bright's *Anglo-Saxon Reader*, according to the needs of the class. Required of those who take English as a major study. *Three hours a week in the first semester.*

4 Advanced Anglo-Saxon.

Further study of the grammar with especial attention to

difficult forms and to syntax. Study of poems with extensive cursory reading of early and late West Saxon prose. Text-book, Bright's *Anglo-Saxon Reader*, with references to Cook's Sievers' *Old English Grammar* and March's *Comparative Grammar of the Anglo-Saxon Language*. Open to those who have taken course 3. *Three hours a week in the second semester.*

5 Anglo-Saxon Dialects.

A study of the Northumbrian, Mercian, and Kentish dialects, with many of the most ancient remains of heroic poetry. Text-books: Kluge's *Angelsächsisches Lesebuch*, Sievers' *Angelsächsische Grammatik*, and Sweet's *Student's Dictionary of Anglo-Saxon*, with references to Kluge's *Geschichte der englischen Sprache*. Open to those who have taken courses 3and 4. *Three hours a week in the first semester.*

6 Beowulf.

Study of the Anglo-Saxon text with reference to early Germanic life and customs. Text-book, Wyatt's *Beowulf*, with references to other works. Open to those who have taken courses 3 and 4. *Three hours a week in either semester, as classes may be arranged.*

7 Early Middle English.

A. D. 1066-1300. Homilies, *Later Saxon Chronicle*, and prose selections in the Midland dialect; *The Ormulum*, *Havelok the Dane*, and poetical selections in the Midland dialect; *The Ancren Riwle* and prose selections in the Southern dialect; poetical selections in the Southern dialect, Layamon's *Brut*, *The Owl and the Nightingale* and *King Horn*. The Midland dialect is made the basis of grammatical instruction, and especial attention is

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Courses 3 to 9 have special reference to the history and development of the language. It is recommended that those choosing English as a major, after taking course 3, pursue consistently either courses 7, 8, and 9 in order, or courses 4, 5, and 6 in order, or both together; or the courses in Anglo-Saxon Poetry may well be taken after the course in Middle English. For Old Saxon, students of Anglo-Saxon will see under German courses.

given to Danish and Norman influences. Text-book: Emerson's *Middle English Reader*, with supplementary texts. Open to those who have taken course 3. *Three hours a week in the second semester.*

8 Later Middle English.

A. D. 1298-1400. Sir John Mandeville, Wiclif, John of Trevisa, Dan Michel of Northgate (*Ayenbite of Inwyt*), Robert of Gloucester, *Handlyng Synne*, Lawrence Minot, *Cursor Mundi*, Barbour (*The Bruce*), Langland, Gower, and Chaucer, with a closer study of dialects, including the Northern dialect. Text-books as in course 7. Open to those who have taken course 7. *Three hours a week in the first semester.*

9 Transition and Tudor English.

A. D. 1400-1579. Occleve, Lydgate, James I. of Scotland, Ballads, Dunbar, Douglas, Mallory, More, Tyndale, Ascham, Berners, etc., to Spenser. Text-book, Skeat's *Specimens of English Literature*, 1349-1579. Open to those who have taken course 3. *Three hours a week in the second semester.*

10 College Literature.

A general survey course of English literature. Textbooks: *Century Readings for a course in English Literature*, edited by J. W. Cunliffe, J. F. A. Pyre, and Karl Young, and *Century Outlines for a course in English Literature*, compiled by F. A. Pyre, T. H. Dickinson, and Karl Young. *Three hours a week throughout the year.*

11 Shakespeare.

The following plays are studied: First Semester: *Love's Labour's Lost, Henry V., The Tempest, Midsummer Night's Dream, Romeo and Juliet, The Merchant of Venice.* Second Semester: *As You Like It, Twelfth Night, Hamlet, Coriolanus, King Lear, Macbeth, A Winter's Tale.* Text-book, either the Arden, Tudor, or Temple Edition of the play studied. *Three hours a week throughout the year.*

12 a Browning.

A careful study of the poet's life, followed by the reading and

interpretation of the most important of his poetical works. Text-book, The Globe Edition of Browning's works. *Two hours a week in the first semester.*

12 b Tennyson.

The study of Tennyson's development as a poet. Nearly all the poems are read in class. Text-book, The Globe Edition of Tennyson. *Two hours a week in the second semester.*

13 a The Romantic Movement.

A study of the movement in general, followed by particular study of the poetical works of Coleridge, Wordsworth, Byron, Shelley, and Keats. Text-book, Page's *British Poets of the Nineteenth Century. Three hours a week in the first semester.*

13 b The Victorian Era.

A continuation of 13 a. Study of the poetical works of Landor, Browning, Tennyson, Rossetti, Arnold, Morris, and Swinburne. Text-book the same as for 13 a. *Three hours a week in the second semester.*

14 Ballads and Folklore.

A study of English and Scotch popular ballads. The various theories of the origin of the popular ballads are considered, especially in relation to the origins of art. Study of folk-lore enters into this course. Text-book, *English and Scottish Popular Ballads*, edited by Sargent and Kittredge, from the collection of F. J. Child. *Two hours a week in the first semester.*

15 Modern Drama.

A study of the drama of the nineteenth and twentieth centuries in relation to the work of Ibsen. *Two hours a week in one semester.*

Note—Courses 10 to 15 are not all given every year. In 1915-'16 courses 10 or 11 together with 13 and 15 may be expected.

History

1 Medieval History.

Brief preliminary survey of ancient European history. Study

of Medieval Europe from the barbarian invasions to the 16th century. Lectures, recitations, and written tests. Text-books: Adams' *European History,* supplemented by Emerton, *An Introduction to the Study of the Middle Ages* and *Mediaeval Europe,* with other works. Required in the sophomore year. *Three hours a week in the first semester.*

2 Modern History.

The history of Europe from the Reformation to the present time. Lectures, oral and written tests; abstracts of assigned reading. Adams' *European History* and supplementary texts. Required in the sophomore year. *Three hours a week in the second semester.*

3 a American History.

Covering the time of discovery, settlement, colonial development, the French Wars and the Revolutionary struggle. *Three hours a week in the first semester.*

3 b American History.

The formation and development of the nation, beginning with the critical time of 1783 and extending through the time of reconstruction after the Civil War. *Three hours a week in the second semester.*

4 a. English History.

The history of England from the earliest times to the Reformation. Text-book, Gardiner's *A Student's History of England.* Supplementary reading in other texts and in such special accounts as Cunningham's *The Growth of English Industry and Commerce* and Traill's *Social England. Three hours a week in the first semester.*

4 b. English History.

The history of England from the Reformation to the present time. Text and assigned readings as in 4 a. *Three hours a week in the second semester.*

Political and Economic Science

1 Advanced Civics.

Text-book, Beard's *American Government and Politics* with

WHITFORD MEMORIAL HALL

references to Wilson's *The State*, Bryce's *American Commonwealth*, and other works. *Three hours a week in one semester.*

2 Economics.

Text-book, Bullock's *Introduction to the Study of Economics*, with references to Mill's *Principles of Political Economy* and other standard works. *Three hours a week in one semester.*

Philosophy

1 Descriptive Psychology.

Lectures. Text-book, Angell's *Psychology*, with references to Ladd, James, and other authors. Required in the sophomore year. *Three hours a week in the first semester.*

2 Experimental Psychology.

Lectures. Text-book, Seashore's *Elementary Experiments in Psychology*. Required in the sophomore year. *Three hours a week in the second semester.*

3 Logic.

Lectures. Text-book, Creighton's *Introductory Logic*, with references to Mill, Bosanquet, and other authors. Required in the junior year. *Three hours a week in the first semester.*

4 Introduction to Philosophy.

Lectures. Text-book, Paulsen's *Introduction to Philosophy*. Required in the junior year. *Three hours a week in the second semester.*

5 Ethics.

Lectures. Text-book, Dewey and Tuft's *Ethics* with references to bibliography. Required in the senior year. *Two hours a week throughout the year.*

6 History of Philosophy.

Lectures, with references to Zeller, Lewes, Cousin, Burt, Windelband, and other authors. Open to those who have taken courses 1-4. *Two hours a week as arranged.*

Education

1 History of Education.

Lectures. Monroe's *Text-book*, with references to extensive

bibliography. Required of those who wish to obtain teachers' state certificates. *Two hours a week throughout the year.*

2 Pedagogy.

Lectures. Text-book, Lange's *Apperception* with references to bibliography. Practical work in teaching. Required of those who wish to obtain state teachers' certificates. *Three hours a week in the second semester.*

Latin

1 Livy or Cicero.

Selections from Livy, Books I. and II., or XXI. and XXII., or else either Cicero's *De Senectute* or *De Amicitia*, supplemented by Virgil's Eclogues. Exercises in writing Latin once a week. *Five hours a week in the first semester.*

2 Horace.

Selections from the Odes, Satires, and Epistles. *Five hours a week in the second semester.*

3 Roman Satire.

Selections from Juvenal, Horace, and Persius. *Three hours a week in one semester.*

4 Tacitus.

Germania and Agricola. *Two hours a week in one semester.*

5 Roman Drama.

Selected Plays of Plautus and Terence. Early Latin Literature. *Three hours a week in one semester.*

6 Epistolary Latin.

Selected Letters of Pliny and Cicero. *Three hours a week in one semester.*

7 Catullus.

Two hours a week in one semester.

8 Study of Roman Antiquities.

Three hours a week in one semester.

9 Easy Translation Course.

Either (a) Quintus Curtius and Sallust, or (b) Cæsar (Book VII. of the Gallic War) and Nepos. Open to all college students. *One hour a week throughout the year.*

10 Advanced Latin Composition.

Open to students who have completed courses 1 and 2. *Two hours a week throughout the year.*

11 Special Courses.

Author to be read and work to be done is arranged from year to year to meet the needs of the time. *Three hours a week in one semester.*

12 Study of Special Subjects.

Arranged from year to year; as Roman Political Institutions, Latin Palæography, Roman Law, Latin Hymns, etc. *Two hours a week in one semester.*

Greek

1 Beginners' Greek.

Those who begin Greek in the college will take first and second year Greek just as in the academy courses (See under "Studies in the Academy"), but for full college credit will be expected to complete the second book of the Anabasis in the first year and the twelve books of the Odyssey or an equivalent in the second year.

2 Homer and Lysias.

Homer's *Odyssey*, Books V.-XII., or the *Iliad*, Books IV.-VI., and selections, in the first semester; Lysias, with grammar and composition, and the *Philippics* of Demosthenes in the second semester. *Five hours a week.*

3 Advanced Greek.

The Alcestis of Euripides, selections from Herodotus and

Thucydides, and Jebb's *Primer of Greek Literature*, in the first semester. Plato's *Apology* and *Crito* and Thucydides, in the second semester. *Three hours a week.*

4 Dramatic Poets.

Two plays of Æschylus, Sophocles, or Euripides and the study of meters in the first semester. Plays of Aristophanes with discussion of the Attic Drama and Theatre in the second semester. *Three hours a week.*

5 Poets and Orators.

Greek Lyric Poets in the first semester: Greek Orators in the second semester. *Three hours a week.*

6 Plato.

Selected Dialogues. *Twice a week throughout the year.*

French

1 First Year French.

Work in grammar, reading, conversation, and phonetics, based upon Fraser and Squair's *French Grammar*. Additional texts read during the year. *Five hours a week throughout the year.*

2 Second Year French.

Translation and criticism of standard French authors, following the development of French literature from the seventeenth century through the nineteenth century. Composition one hour a week. *Four hours a week throughout the year.*

3 Composition and Conversation.

For students who wish to do advanced work in composition, conducted wholly in French. *Two hours a week throughout the year.*

4 General Survey.

A brief survey of the whole field of French literature, showing main divisions and placing representative authors. Lectures and collateral reading. *Three hours a week throughout the year.*

5 Nineteenth Century Drama.

Study and criticism of representative dramatists, such as Hugo, Dumas-Fils, Angier, Scribe, Rostand, and others. Lectures and assigned reading. *Three hours a week in the first semester.*

Spanish

First Year Spanish.

Hill and Ford's *Spanish Grammar* used in connection with Giese's *First SpanishBook.* Translation of selections from *Gil Blas. Four hours a week throughout the year.*

Second Year Spanish.

Translation of selections from the *Don Quijote* of Cervantes and from more modern writers. *Two hours a week throughout the year.*

German

0 Beginners' German.

See Academy under "Elementary German."

1 Freshman German.

Modern prose, narrative and dramatic, and a drama by Lessing or Schiller. Review of the grammar and syntax. Written and oral exercises. Open to those who offer two entrance units of German. *Five hours a week throughout the year.*

2 Classical and Modern Writers.

Selections from nineteenth century novelists and the dramas, Goethe's *Egmont* and Schiller's *Wallenstein.* Written exercises. For students who have had German 1. *Three hours a week throughout the year.*

3 German Composition and Conversation.

This course is especially intended for those who look forward to teaching. *Two hours a week throughout the year.*

4 Sight Reading.

Rapid translation of literary prose and articles in current

magazines and newspapers. *Two hours a week (one hour credit) throughout the year.*

5 Modern German Dramatists.

Selected dramas from Grillparzer, Hebbel, Ludwig, Hauptmann and Sudermann, or several dramas of one of these authors, with critical study of his life and works. *Two hours a week in the first semester.*

6 Modern German Novelists.

Readings from Scheffel, Freytag, Keller, Sudermann and Frensson. Representative selections will be read in class and others will be assigned for private reading. *Two hours a week in the second semester.*

7 Faust.

Part I. Read and discussed. *Two hours a week in the first semester.*

8 German Epic, Ballad, and Lyric Poetry.

The course gives a hasty survey of German poetry from the Middle Ages to the present time, including parts of the *Nibelungenlied,* Court Epics, and characteristic *Minnelieder,* in Modern German translations, and selections from leading poets of the eighteenth and nineteenth centuries. Reports on assigned reading. *Two hours a week in the second semester.*

9 Special Courses.

Other courses may be arranged, as the critical study of one author, as Goethe, or of one period, as the Romantic period, or a general survey of the history of German literature.

10 Medieval German.

Courses in Middle High German and Old High German are offered whenever students who are prepared desire to form classes. Wright's Primers are used for elementary study, preparatory to a fuller treatment of the older German dialects in larger German works.

11 Old Saxon.

For the benefit of students specializing in English studies courses are offered in Old Saxon (Old Low German). Text-books: Holthausen's *Altsächsisches Elementarbuch* and Behaghel's *Heliand und Genesis. Two hours a week in one semester, continued in another semester if the whole of the Heliand is read.*

12 Gothic.

For students in Germanic philology courses are offered in the Gothic Gospels of Ulfilas. Text-book, Wright's *Primer of the Gothic Language* for the elementary course.

Courses 3 to 9 are open to those who have had course 2. Course 10 is for advanced German students. Course 11 is for those prepared in German and Anglo-Saxon. Course 12 is for those pursuing advanced linguistic studies.

Note.—A German Club, formed among the students, holds meetings once a month.

Mathematics

1 Algebra.

Rietz and Crathorne's *College Algebra.* Review of elementary algebra, properties of quadratic equations with emphasis on their graphical interpretations, binomial theorem, variation, progressions, permutations and combinations, and general theory of equations. Required in the freshman year. *Three hours a week in the first semester.*

2 Plane Trigonometry.

Rothrock's *Plane and Spherical Trigonometry.* Theory of trigonometric functions, solutions of triangles, elements of logarithms, and complex numbers. Required in the freshman year. *Three hours a week in the first semester.*

3-4 Analytic Geometry.

Smith and Gale's *New Analytic Geometry.* Cartesian co-ordinates, curve and equation, the straight line, the circle, transcendental curves and equations, polar co-ordinates, trans-

formation of co-ordinates, parabola, ellipse, and hyperbola, tangents, parametric equations and loci, co-ordinates in space, the plane and the straight line in space, the quadric surfaces. Open to those who have taken courses 1 and 2. *Three hours a week throughout the year.*

5-6 Calculus

Granville's *Differential and Integral Calculus.* Limits, differentiation, applications to geometry and physics, rates, maxima and minima, curve tracing, integration, areas, volumes, surfaces, lengths of arcs, infinite series. Open to those who have taken courses 3 and 4. *Four hours a week throughout the year.*

7 Differential Equations.

An elementary treatment of differential equations with applications to physics and mechanics. Open to those who have taken courses 5 and 6. *Three hours a week in the first semester.*

8 Surveying

Recitations and problems in the determination of heights, distances, and areas. Field practice with the chain, the tape, the transit, and the level. Open to those who have taken course 2. *Two hours a week in either semester.*

9 Astronomy

An historical and descriptive course, designed to give the student familiarity with the solar system, the principal constellations, and the brighter stars. Open to students beyond the freshman year. *Three hours a week in the first semester.*

10 Mechanical Drawing

Phillips and Orth's *Notes on Mechanical Drawing.* Freehand drawing in perspective and in orthographic projection, use of instruments, lettering, working drawings, tracing, blue printing. Open to freshmen. *Three hours a week throughout the year.*

Physics

0 Elementary Physics.

Text-books: Millikan and Gale's *A First Course in Physics*, and Millikan and Gale's *A Laboratory Course in Physics*. Open for credit to freshmen who have not offered physics for entrance. For description see Physics under Academy.

1 General Physics.

Kimball's *College Physics*. Lectures and recitations, four hours a week. Laboratory practice, four hours a week. Open to those who have taken Mathematics 1 and 2. *Full study throughout the year.*

2 Heat and Light.

Advanced course of lectures. Open to those who have taken course 1. *Three hours a week in the first semester.*

3 Electricity and Magnetism.

Advanced course of lectures. Open to those who have taken course 1. *Three hours a week in the second semester.*

Chemistry

1 General Chemistry.

The subjects covered in this course will include a careful study of the occurrence and properties of the elements, together with the laws governing all chemical reactions and stoichiometrical calculations. In the laboratory the reactions are still farther studied, followed by a series of experiments in the systematic analysis of simple compounds. Prerequisite: Physics, course 0. *Two hours each day, five times a week throughout the year.*

2 Analytical Chemistry.

A systematic course in qualitative and quantitative analysis, by both volumetric and gravimetric methods. The analysis is largely that of alloys, ores, and commercial products. Prerequisite: Course 1. *Five times a week throughout the year*

3 Organic Chemistry.

Laboratory practice, supplemented by lectures and recitations. It is intended to give the student a general knowledge of the carbon compounds. Special attention is paid to practical application. *Five times a week in the first semester.*

4 Applied Chemistry.

Lectures and laboratory work upon subjects pertaining both to Inorganic and Organic Chemistry, including the analysis of food products: milk, butter, bread, water, soils, fertilizers, etc. *Five times a week in the second semester.*

Biology

1 Biology.

Microscopy, Plant and Animal Biology. Laboratory work and lectures. Open to freshmen and sophomores. *Two hours each day. Five times a week throughout the year.*

2 Physiology.

Anatomy, Physiology and Hygiene. Open to sophomores and juniors. *Five times a week in the first semester.*

3 Zoology.

Laboratory work. Special studies and a summary thesis. Open to sophomores and juniors. *Two hours each day. Three times a week in the second semester.*

4 Botany.

Laboratory work. Special studies and a summary thesis. Open to sophomores and juniors. *Two hours each day. Three times a week in the second semester.*

Geology

1 Physiography and Dynamic Geology.

Lectures, review papers and discussions. Open to juniors. *Five times a week in the first semester.*

2 Paleontology.

Class work, field studies, and a thesis. Open to juniors. *Five times a week in the second semester.*

Note—In Biology and Geology there are special courses for those who choose their major in one of these departments. The work will include the senior thesis, a copy of which must be placed in the department library. Open to seniors. *Three times a week throughout the year.*

English Bible.

Lectures and a study of the text of the American Standard Revision. Analysis of the Old and New Testaments in alternate years, with introduction. Elective. *Two hours a week throughout the year.*

THE ACADEMY OF MILTON COLLEGE

The Academy of Milton College is primarily a preparatory school. Its graduates are admitted to the University of Wisconsin without examination. Courses of study are indicated in the table on the following page. They all prepare students for admission to the freshman class of the college. Other combinations of studies than those indicated may be arranged, conforming in all cases to the college entrance requirements.

The studies indicated in the table are all pursued throughout the year except when two subjects are mentioned together. In this case the subject first mentioned is studied during the first semester and the second subject during the second semester. Classes in all studies meet five times a week except in the case of English. The four years' work in English as arranged makes up the three full units of English required for admission to the freshman class; but it should be noted that much more and better written work is done thus in four years than if the three units were covered in three years. Elocution is included in English as follows:—

	Mon.	Tues.	Wed.	Thurs.	Fri.
1st year	English	English	English	Elocution	English
2nd year	English		English	English	English
3rd year	Elocution	English	English	English	English
4th year		English			English

Each student is required during the fourth year to furnish one written essay, involving considerable research, aside from class work in English, or work done for a lyceum exercise, and in addition to any work done for presentation at the graduation exercises of the academy.

COURSES OF STUDY IN THE ACADEMY

Years	Latin and Greek	Latin and Modern Language	Latin and History	Language and Science (a)	Language and Science (b)*
I	First Year Latin Algebra Physical Geography-Geology or Botany First Year English	First Year Latin Algebra Physical Geography-Geology or Botany First Year English	First Year Latin Algebra Physical Geography-Geology First Year English	First Year Latin Algebra Physical Geography-Geology First Year English	First Year Latin Algebra Physical Geography-Geology First Year English
II	Second Year Latin Geometry Ancient History Second Year English	Second Year Latin Geometry Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English
III	Cicero Physics Greek Third Year English	Cicero Physics German or French Third Year English	Cicero Medieval and Modern History Geometry Third Year English	German or French Geometry Medieval and Modern History Third Year English	German or French Geometry Chemistry Third Year English
IV	Virgil American History Greek Fourth Year English	Virgil American History German or French Fourth Year English	Virgil American History Physics Fourth Year English	German or French Physics American History Fourth Year English	German or French Physics American History Fourth Year English

*Other combinations of language with science may be arranged, not less than two years of one language being pursued

STUDIES IN THE ACADEMY

English

First Year English.

Oral and written composition. Text-book, Briggs and Kinney's *First Book of Composition.* Class room study of *The Courtship of Miles Standish, The Sketch Book, Lady of the Lake, A Midsummer Night's Dream, The Merchant of Venice* or equivalents. Two books of outside reading required each semester.

Second Year English.

Oral and written composition. Text-book, Briggs and Mc-McKinney's *First Book of Composition.* Class room study of *Ivanhoe, The Rime of the Ancient Mariner,* selection from *The Idylls of the King, Silas Marner, Julius Caesar* or equivalents. Two books of outside reading required each semester.

Third Year English.

First semester, chronological study of principal American authors. Text book, Chippinger's *Composition and Rhetoric.* Oral and written composition one hour a week. Second semester, chronological study of English authors. Text book, Long's *English Literature.* Special class-room study of the Prologue to the *Canterbury Tales* and Shakespearean drama. Two books of outside reading required each semester. Composition continued in second semester.

Fourth Year English.

Study of English authors continued during the year. Themes at regular intervals. Outside reading required.

Note—For number of recitations a week see table of days on page 43.

History and Civics

Ancient History, including Oriental, Greek, and Roman.

Text-book, West's *Ancient World,* with references to Myers', Morey's and Botsford's histories. *Throughout the year.*

Medieval and Modern History.

Myer's *Medieval and Modern History. Throughout the year.*

History of the United States.

Text-book, Woodburn and Moran's *American History and Government*, with references to other text-books and authorities on the subject. *Throughout the year.*

Mathematics

Algebra.

Hawkes, Luby and Touton's *First course in Algebra.* Elementary operations including factoring, finding common divisors and multiples, reduction of fractions, and known quantities; involution, evolution, radicals, quadratic equations. *Throughout the year.*

Geometry: Plane.

Wells' *New Plane and Solid Geometry.* Elementary principles and their application to original theorems and problems; **Solid**—A study of points, lines, and planes in space, polyhedrons, cylinders, cones and spheres, with original exercises. *Throughout the year.*

Arithmetic.

Classes are sometimes formed for students not sufficiently prepared in arithmetic. Smith's *Commercial Arithmetic.* Percentage and its application to profit and loss. Commission, interest, discount, insurance, taxes, stocks, and exchange; ratio and proportion; and involution and evolution.

Science

Physics.

Text-books: Millikan and Gale's *A First Course in Physics*, and Millikan and Gale's *A Laboratory Course in Physics.* Two double periods are spent each week in laboratory work. *Full study throughout the year.*

Chemistry.

Text-book, Hessler and Smith's *Essentials of Chemistry. Recitations and Laboratory work throughout the year.*

Physical Geography.

General course. *First semester.*

Elementary Geology.

General course. *Second semester.*

Elementary Physiology.

Walker's Physiology. *First semester.*

Elementary Botany.

Bailey's *Elements of Botany* and Gray's *Manual. Second semester.*

Latin

First Year Latin.

Special attention is given to inflection, vocabulary, pronunciation, and translations into idiomatic English. Frequent reviews and written exercises are given. Text-book, D'Ooge's *Latin for Beginners. Throughout the year.*

Second Year Latin.

Four books of Cæsar or any equivalent amount from various Latin writers. Prose composition one hour a week. Text-book usually Walker's *Caesar's Gallic War. Throughout the year.*

Cicero's Orations.

Four Orations against Catiline. Three other orations, including *De Imperio Pompeii.* Prose Composition one hour a week. *Throughout the year.*

Virgil.

Six books of the *Æneid.* Attention is given to the reading of the Latin, carefully prepared translations of review lessons, mythology, figures of speech, etc. *Throughout the year.*

Greek

First Year Greek.

A study of the elements of the language. Xenophon's *An-*

abasis, Book I., with Greek Prose Composition. *Throughout the year.*

Second Year Greek.

Xenophon's *Anabasis*, Books II.-IV., with Greek Prose Composition, Homer's *Odyssey*, Books I.-IV., or *Iliad*, Books I.-III.

German

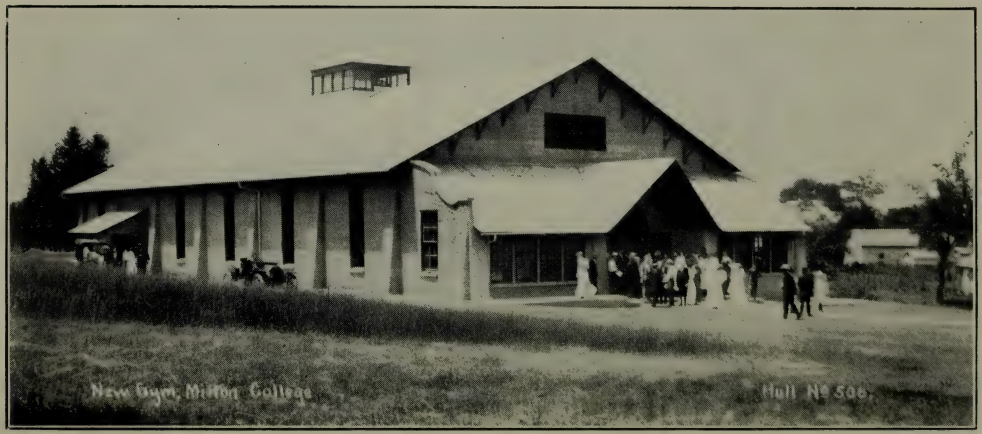
Elementary German

Corresponding to the elementary courses outlined in the Report of the Committee of Twelve. Grammar and reading of easy modern narrative prose and one or two short plays and a few poems committed to memory. Practice throughout the two years in speaking and writing German. Students should at the end of this time be able to pronounce and translate at sight simple German prose, and to carry on a simple conversation based upon the texts given for translation. *Five hours a week throughout two years.*

French

Academy French.

Students pursuing French in the academy will take two years' work with college classes. See under "Departments of Instruction."



AUDITORIUM-GYMNASIUM

PUBLIC SPEAKING

Courses of study in public speaking are of the greatest value to any student, no matter what the purpose of his study may be, because they contribute to his personal efficiency in several ways, primarily through the most important means of power, the expression of thought by the body and the voice. They also afford an excellent training of the mind, especially through the practice of the laws that govern the effective persuasion of others. There is, moreover, no branch of study that contributes more to the development of a strong personality. The Greeks were aware of the value of oratory and regarded it as the most important part of one's training. Practice in expression may well be continued through the entire preparatory and college education.

Public Speaking

In the College.

College students are required to attend a class in Public Speaking two hours a week for one year. This is required by the junior year, but should preferably be taken earlier if the student has time for it.

In addition to this work, for the benefit of those who shall have finished this required course and those who have already had one year of such work, a more advanced course in Oratory and Interpretation is offered, continuing three hours a week throughout the entire year. It is hoped that all who are prepared to do so will avail themselves of this opportunity.

Required Course.

Public Speaking. Text-book, Phillips' *Effective Speaking. Two hours a week throughout the year.*

Elective Course.

Oratory and Interpretative Reading. Orations and plays by standard authors are studied. Open to those who have taken the required course in public speaking. *Three hours a week.*

Special classes or private lessons may be arranged to meet the needs of individual students.

In the Academy.

All the pupils in the Academy of Milton College are required to take exercises in Elocution as a part of their work in English. See page 43.

Credit

In College the usual full credit is given for the work in public speaking.

In the Academy the work in elocution receives credit as part of the course in English.

Fees

Students in the institution taking regular courses pay for the work in this department the usual proportionate tuition based on the number of hours taken. Those not in the College and who take either of the courses pay for the two-hour course the sum of four dollars per semester and for the three-hour course five dollars per semester.

Fees for the regular courses and the fee for physical culture are paid through the college office.

For private instruction fees are payable directly to the Instructor. These are as follows: For a regular course of instruction, two half-hour lessons a week, $7.50 per half-semester of nine weeks. For individual lessons fifty cents per half-hour.

PHYSICAL CULTURE

The authorities at Milton College believe that some proper physical training, by a skilled director under medical supervision, ought to be given to all students at Milton College and that regular physical exercises ought to be required of all students. As a step toward the ideal we hope to reach, there is now required of all students of the Academy of Milton College and of all students in the College below the senior year, regular physical training based upon a systematic medical examination.

Medical Examination

The reasons for requiring a medical examination are (1) to furnish each student at the beginning of every semester information as to his general physical condition, that he may be guided in caring for his own health and in taking up such exercises as shall develop him in health, strength, and bodily symmetry; (2) to prevent any student from engaging in severe exercises or entering into sports that might injure his health; and (3) to enable the physical director to know just what each student needs for his best physical development.

It is hoped that all students will perceive the advantage of such an examination and that they will co-operate with the authorities of the college by taking the examination willingly and regularly and by following the suggestions that may be made by the medical examiner and physical director.

Examinations are made of all students at the beginning of each semester and of certain students oftener, if the medical examiner finds need for more frequent examination. At each regular examination the student is furnished with a record of it, and such advice is given the student as the examiner in his judgment thinks best to give. The examination is to discover the condition of the eyes, heart, lungs, and vital organs, and any special

condition of any part that may at all affect the student's work or physical training. This is supplemented by bodily measurements taken by a physical director. The repetition of the examination at the beginning of each semester enables the director, with the advice of the physician, to determine the result of the work already done and better to plan the work for the succeeding semester.

Examiners and Director

Two competent physicians, a gentleman and a lady, make the examination at times announced at the opening of the college in September, but the same physical director takes charge of the classes of men and women students.

Gymnasium Classes

The regular class work is held in the gymnasium in the afternoon twice a week for both men and women. Individual work is arranged to meet the necessities of the case. Attendance at the regular classes is required of all academy students, and of college students during at least two years of their course except those specially excused by the medical examiner, for reasons. But any student not forbidden by the medical examiner, and any member of the faculty or music student, may be admitted to the class with the approval of the director, except that no one will be admitted to a class without a previous examination.

Fees

Every student must pay to the treasurer of the college a fee for each regular examination as follows:— In all cases at the beginning of the first semester, and at the beginning of the second semester in the case of students not already examined, fifty cents. At the beginning of the second semester in the case of students already examined in the first semester, twenty-five cents. If an examination is required oftener than at the beginning of the semester, it will usually be given without fee.

Every student in the college or academy, irrespective of whether he takes physical training or is excused therefrom is charged a fee for the use of the gymnasium of fifty cents per semester.

These fees, amounting in general to one dollar in the first semester and seventy-five cents in the second semester, are charged to every student and are payable to the college treasurer at the beginning of the semester. Free scholarships do not cover these fees, but they are to be charged to those receiving free tuition as well as to all other students. Members of the faculty and music students or others, if they take physical training must also pay these fees.

Lockers in the gymnasium may be rented by students for fifty cents a semester. The rent is usually collected for the year at the beginning of the first semester. A deposit of twenty-five cents is also required for the key to the locker. Locker rent is paid to the college treasurer at his office. The deposits for keys are paid to the physical director, from whom keys are obtained on presentation of the treasurer's receipt for rent of locker.

Private Work

Any one who may desire private instruction from the physical director may make his own arrangements for such work. But if not a student already examined and enrolled, he must first take the usual examination and pay to the treasurer of the college the proper fees for the examination and for the use of the gymnasium.

SCHOOL OF MUSIC

The principal courses in music are the following: Voice Culture, Harmony, Pianoforte, Violin, Viola, and Violoncello.

Two years' study of Harmony, one year of the Theory of Music, and the course in the History of Music are required in the Pianoforte, Voice Culture, and stringed instrument courses; and at least the first two grades of one of the instrumental courses is a prerequisite of the completion of the Harmony and Voice Culture courses.

Pupils having completed any one of the above courses and having completed a full course in the Academy, or its equivalent, are entitled to a certificate of graduation in such course.

PIANOFORTE COURSES

MISS ALBERTA CRANDALL

The instruction in pianoforte playing is in five grades extending over a period of five or more years on a basis of two lessons per week.

A correct hand position and a flexible wrist are insisted on from the first as requisites for proficiency. Exercises from Mason's *Touch and Technic*, Stasny's *Finger Training*, and other aids, are used for the acquirement of correct finger, hand, and arm touches.

The technical exercises used include studies from Czerny, Heller, Cramer, Kullak's *Octaves*, *Books I. and II.*, Krause's *Trill and Other Studies*, Sonatinas from Kuhlau or Clementi, and Bach's *Two and Three Part Inventions*.

Pieces suited to the different grades are used, including selections from Schumann, Mendelssohn, Mozart, Raff, Beethoven, Schubert, Chopin, and others.

A course in Musical Kindergarten extending over a period of a year is recommended for beginners of from five to twelve years of age. The advantage of such a course is that the subject-matter is presented in such a simple and interesting way, by means of songs, stories, and games, that the children are thoroughly interested and make much more rapid progress than when taught by the old method.

The following subjects are included in the course: Notation, or sight-reading, ear-training, memorizing, metre, rhythm and time or movement, a knowledge of the key-board, a familiarity with musical signs and terms, the building of scales, major, minor, and chromatic, degrees, intervals, triads and chords, technic and musical history.

The Sweet-Whitney *Music Method* is the method used, and it is taught in classes of three.

VOICE COURSES

MR. LEMAN H. STRINGER

This course comprises a complete system of voice culture. The vocal instrument consists of not only the mouth, larynx, lungs, etc., but practically of the entire body; therefore a system of physical exercises is used for the strengthening and building up of the entire vocal instrument.

Careful attention is given to the art of relaxation, breathing, utterance, physical expression, tone attack, enunciation, pronunciation, etc.

Elementary Vocal Music

The rudiments of music, notation, solmization, sight-reading and elementary and chorus singing are included in this course. It is preparatory to the Voice Culture course and it is a desirable adjunct to all the other courses. The time required for its completion is usually two years for persons of ordinary talent.

STRINGED INSTRUMENT COURSES

MRS. ELLEN CRANDALL PLACE

The practical studies in the violin course include technical exercises, major and minor scales in all positions; studies by Tuors, Kayser, Kreutzer, and Rode; pieces and concertos by classical and modern composers.

In the case also of the Viola and Violoncello, special attention is given to technical studies and the standard literature for each instrument.

ORGAN

PRESIDENT WILLIAM C. DALAND

Students who are thoroughly proficient in piano-playing and who are good readers may obtain a fair command of the organ in two years.

In the first year Rink's *Organ School* is studied, and in the second year Mendelssohn's organ sonatas and Bach's fugues are introduced as soon as the pupil is sufficiently advanced. Dudley Buck's *Studies in Pedal Phrasing* are used in connection with classical organ compositions.

The rapidity with which the course is carried on depends entirely on the ability of the student.

OTHER INSTRUMENTS

Arrangements may be made for lessons on the flute, cornet, mandolin, and other instruments.

THEORETICAL COURSES

MISS ALBERTA CRANDALL

Harmony

This course embraces the study of Harmony, Single and Double Counterpoint, Choral Preludes, Free and Strict Imitation, Canon, Fugue, Musical Form, and practical work in Composition. Chadwick's *Manual of Harmony* and Treatises on *Counterpoint and Fugue*, are the text-books used.

Theory of Music

For a pupil of ordinary ability the time required to complete this course is about five years on a basis of two lessons per week and three to four hours of daily study.

The course in the Theory of Music embraces the fundamental principles of music and explains the laws of acoustics, musical rhythms, abbreviation and signs, embellishments, and musical form. The student is required to analyze song-forms, sonatas, vocal, and contrapuntal forms. The course may be completed in one year and a small fee is charged per quarter.

History of Music

The course in the History of Music covers the ground of development from the earliest known beginning and development of notations, polyphony, oratorio and opera, as well as the invention and improvement of instruments. Brief biographies of the important composers of the different periods are included in the course. The course is taught in classes, and is free to all students of the School of Music.

ADDITIONAL PRIVILEGES

Sight Playing and Ensemble Classes

To aid students in the instrumental courses, classes in sight playing and for ensemble work are organized for practice in the playing of duos, trios, and work for the pianoforte and stringed instruments; also recitals are given from time to time as an essential means of training for students in these courses.

These adjuncts to musical training are free, and all students in instrumental courses are required to attend them. Those who are prepared to take allotted parts in the orchestra may receive the benefit of the weekly practice of the college orchestra.

Chorus Practice

The chapel choir, college chorus, and glee club afford an opportunity for students to obtain practice in chorus singing.

TUITION

The tuition in the School of Music is estimated as per half-semester, or quarter, of nine weeks.

Pipe Organ, one lesson a week	$13.50
Pianoforte, two lessons a week	14.00
The same, one lesson a week	7.50
Kindergarten, two lessons a week, in classes	4.50
Stringed Instruments, two lessons a week	14.00
The same, one lesson a week	7.50
Voice Culture, two half-hour lessons a week	13.50
The same, one half-hour lesson a week	7.50
Elementary Vocal Music, in classes	$1.00 to 2.00
Theory of Music	1.00
Harmony	7.50

Tuition is to be settled in advance at the beginning of each quarter. No reduction will be made to pupils who miss their lessons, except in the case of prolonged absence on account of sickness or other unavoidable circumstances.

MISCELLANEOUS INFORMATION

GENERAL EXPENSES

Degrees and Diplomas

Students who are graduated from the College receive the degree of Bachelor of Arts. The second or Master's degree may be conferred upon graduates that have satisfactorily pursued literary, scientific, or professional studies for three years after graduation, or that have completed in any recognized university a course that is required in that university for an advanced degree. The charge for a diploma certifying a degree is $5.00.

Fees per Semester

Tuition in College Classes	$16.00
Tuition in Academy classes	12.00
Incidental Fee charged to all students	4.00
Fee for supervision of a study pursued outside of class, $1 to	5.00
Fee for special examination	1.00
Laboratory Fee in Biology, Chemistry, and College Physics, each	3.00
Gymnasium Fee, per semester, charged to all students	.50
Fee for Physical examination, first semester	.50
The same, second semester	.25

The rate of tuition of college students is increased one dollar per semester for each hour per week above sixteen (16) hours, and diminished one dollar per semester for each hour less than fifteen (15) hours.

The rate of tuition of academy students is increased one dollar per semester for each hour per week above twenty (20) hours, and diminished one dollar per semester for each hour less than fifteen (15) hours.

All fees are payable in advance. Before entering classes at

the beginning of a semester, students are required to visit the Treasurer of the College and either settle their accounts or make arrangements for settlement of the same.

Rooms and Board

Rooms for women are furnished in Goodrich Hall with stoves, bedsteads, tables, and chairs. Beds and bedding with other furniture must be supplied by the students. The charge to each student is $8.00 per semester. An additional charge, usually $2.50 a semester, is made for electric light.

Students who wish to board themselves may hire convenient rooms in private houses at about the same rate. Rooms and board may be obtained in private families at from $4.00 to $5.00 a week. Table board in club or private family varies from $2.75 to $4.00 a week.

Estimated Expenses per Year

Tuition, Incidentals, and Fees	$ 35.00 to $ 55.00
Board at $2.50 to $4.00 per week	$ 90.00 to $150.00
Rooms at $8.00 to $12.00 per semester	$ 16.00 to $ 24.00
Fuel and Lights	$ 18.00 to $ 24.00
Laundry	$ 10.00 to $ 15.00
Text-books	$ 11.00 to $ 27.00
Sundries	$ 20.00 to $ 30.00
	$200.00 to $325.00

The minimum expenses for a year of thirty-six weeks to a student who boards himself are about $200; to one who boards in a club, about $225; and to one who boards in a private family, about $250.

Opportunities for Self Support

Industrious students, both men and women, can generally find opportunities in the village and vicinity, during semesters and vacations, to earn sufficient funds to meet in part their expenses. A large number aid themselves in this way every year.

Most graduates of the college have been students of limited means who earned their way by manual labor, by teaching in the public schools, or by engaging in other occupations.

FREE SCHOLARSHIPS

Milton College offers a free scholarship for one year to the graduate having the highest honors in his class in each high school in the State of Wisconsin that requires a four years' course of study. A free scholarship for one year is also offered to the graduate having the highest honors in his class in such other high schools in the neighboring states as its Board of Trustees may specially designate.

Free scholarships for one year are also offered to the graduates of the Academy of Milton College, and to the students belonging to the Freshman, Sophomore, and Junior classes, each of whom shall have completed the year with the highest honors. Such scholarships are now held by Geneva E. Bennett, graduate with the highest honors of the Academy of Milton College, class of 1914; Grace L. Babcock, honor student of the Freshman class of 1914; Stephanie Daland, honor student of the Sophomore class of 1914; and William D. Burdick, honor student of the Junior class of 1914.

A plan has also been put into operation of granting a full free scholarship to that church, society, or individual that shall give one thousand dollars to Milton College as a permanent endowment fund, the interest of which is to be used for the payment of the tuition of the student whom such church, society, or individual may nominate. Students are now the beneficiaries of such scholarships, designated as follows:

The Mary F. Bailey Scholarship.
The Jennie B. Morton Scholarship.
The Ezra Crandall Scholarship.
The Salem College Scholarship.
The Class of 1907 Scholarship.
The Rev. Oscar Babcock Scholarship.
The Rev. Edwin Shaw Scholarship.

The Albertus D. Crumb Scholarship.
The William H. and Mary E. Rich Scholarship.

All scholarships include free tuition and incidentals, but not laboratory fees, board, room, or other expenses. Some of these are awarded only on certain conditions, which will be made known upon application.

BUILDINGS

Milton College has five buildings devoted to various purposes. The Main Building contains the offices, the chapel, and many recitation and lecture rooms. The Whitford Memorial Hall contains the Library and the lecture rooms and laboratories for physics, chemistry, and biology. In this building also are the rooms for the gentlemen's literary societies. The other buildings are Goodrich Hall, the ladies' dormitory, containing a room for a ladies' literary society; the Auditorium Gymnasium, situated south of the buildings mentioned; and the President's Home on an eminence further south of the buildings. The campus fronts on College Street in the village of Milton.

EQUIPMENT

The Library

The College Library consists of what were originally the Daniel Babcock Library, the Orophilian Library, the Iduna Library and the Philomathean Library. These Libraries have been consolidated and are under the general management of the College Librarian, appointed by the Board of Trustees.

The Library now contains nearly 10,000 books and 500 pamphlets newly classified and provided with a dictionary card catalogue. There are also several hundred other pamphlets and volumes of unbound magazines.

Books or magazines may be borrowed by students and residents of Milton subject to the usual library regulations. The library is open every college week-day from 8:00 A. M. to 12:00

M., and from 1:00 P. M. to 4:30 P. M., except during the chapel exercises, that is from 9:45 to 10:15 A. M. It is also open to the public on Tuesday and Thursday afternoons during the summer vacation. During the time college is in session the Library is also open on Monday and Wednesday evenings from seven till nine o'clock.

Apparatus

The institution is well equipped with apparatus for the student's use in laboratory work in the several courses described under "Departments of Instruction." For the class in surveying, an excellent transit, a compass, a rod and a surveyor's chain are provided. The Chemical Laboratory in the south half of the second story of the Whitford Memorial Hall is well stocked with everything needful for complete work in both General and Analytical Chemistry. The Physical Laboratory is very conveniently located in the south half of the first story. The apparatus of this department has been recently very largely increased, the equipment being now full and complete, not only for the "First Course in Physics," but also for the advanced college classes. The Biological department in the second story over the Library is provided with the best Bausch & Lomb microscopes.

Cabinets

The cabinets illustrative of Mineralogy, Geology, and Paleontology, embrace over four thousand specimens, and exhibit fairly the materials and the formations of the rocks found in the state. There has been presented to the college the W. P. Clarke collection of stone and copper instruments, some of which are rare types belonging to the different periods of the Prehistoric Age, found in the immediate vicinity, elsewhere in our country, and in foreign lands. The college has obtained and preserved over eighteen hundred species of plants, which grow principally in this state. There have been gathered specimens of insects, fishes, birds, and mammals, typical of the groups of animals to which they belong; and a room with convenient cases has been

set apart for their exhibition and use. Special students of the college share in the collection and classification of type forms in the several departments.

ORGANIZATIONS CONNECTED WITH THE COLLEGE

The Literary Societies

These are four in number, the Orophilian Lyceum, the Philomathean Society, the Iduna Lyceum, and the Miltonian Lyceum. The first two are for men and the third and fourth are for women. All of these organizations hold their sessions on Saturday evening during the college year. At the end of each year, during Commencement Week, the societies present public programs. Excellent work has been done by each of these societies during the past year. Every student is urged by the faculty to become a member of some one of these organizations, because exceptional opportunities are offered to those who desire to improve in writing, in public speaking, in debating, and in a knowledge of parliamentary practice.

Christian Associations

The first religious organization of the college was established in 1856 for both men and women and continued so until May, 1907. At that time it was reorganized as a Young Men's Christian Association and a Young Women's Christian Association, both affiliated with the state and national organizations. They are absolutely non-sectarian in their organization and management. They hold three prayer and conference meetings a week during the college year. One of these is held on Friday evening and is open to both men and women. The other two meetings are held on Tuesday evening, one for men and the other for women. The associations usually hold three socials during the year, viz.: one at the beginning of the year, the second near the end of the first semester, and the third just before the spring recess. At these socials music is rendered, papers are read, and addresses are presented. An effort is also made to introduce new students to the older ones, and all are invited to join the associations.

A VIEW IN THE PARK

The moral and religious influence of these organizations on the student body and on the spirit and life of the institution cannot be overestimated.

The Athletic Association

This organization is composed of all students in the institution, and has charge of all the athletic games and contests connected with it. The contests arranged by the Association are subject to the rules governing athletics. Tennis in the autumn and spring, basket-ball in the Gymnasium during the winter, and baseball in the spring, are the principal games. Early in June of each year the Asssociation holds the annual Field Day, at which records are made in the several field events. The officers of the Association this year are as follows:

President—L. R. Polan; Vice-President————————; Secretary—Stephanie Daland; Treasurer—W. K. Bonnell.

The Oratorical Association

This organization is composed of the members of the four Literary Societies, Iduna, Miltonian, Philomathean, and Orophilian, and the Faculty of the College. The officers are president, vice-president, secretary, and treasurer, chosen annually, one from each of the societies. These officers together with the President of the College and the Faculty of the English Department constitute an executive committee which has general charge of the business of the Association. Two contests are held each year, a declamatory contest in the autumn for the Academy students and an oratorical contest for the College students shortly before the spring recess. Valuable prizes of money are given at each contest. Debates are also arranged between classes or with other colleges. The officers of the Association for the present year are:

President—Geneva E. Bennett; Vice-President—C. B. West; Secretary—W. K. Bonnell; Treasurer—Vida L. Thomas; Debate Manager—W. D. Burdick.

The Alumni Association

The Alumni Association of Milton College was organized in 1870, and its membership consists of those persons on whom the Institution has conferred honorary degrees, as well as those former students who have been graduated in all the courses of the College and of the old Academy. To this number should be added six distinguished former students who have been elected honorary members of the Association. This organization holds its annual meeting during Commencement Week and at this time a banquet is held. The officers of the Alumni Association for this year are:

President—W. P Clarke, '61; First Vice-President—J. N. Daland, '13; Second Vice-President—Marguerite Ingham. '14; Third Vice-President—Dr. L. M. Babcock; Secretary-Treasurer—L. H. North, '08.

The Milton Forward Movement

Early in the college year, 1913-14, a movement was initiated among the students to co-operate with the Trustees of the college in all efforts to build up the institution, to increase the number of students in attendance, to foster a spirit of amity and good-will between the students and the community, and in all ways to work for the prosperity of the institution. At its inception this was known as the "Forward Movement." It is significant of the character of the student body of the college. The present officers of the organization are as follows: President. C. B. West; Recording Secretary, Gladys Dunn; Corresponding Secretary, A. L. Burdick; Treasurer, Vida L. Thomas. There are also Vice-Presidents representing the four literary societies.

COMMENCEMENT WEEK 1915.

June 11, Friday, 8 p. m., Sermon before the Christian Associations.

" 12, Saturday, 8 p. m., Joint Session of Literary Societies.

" 13, Sunday, 8 p. m., Baccalaureate Sermon.

" 14, Monday, 2 p. m., Annual Exercises of the School of Music.

" 14, Monday, 8 p. m., Commencement Exercises of the Academy.

" 15, Tuesday, 8 p. m., Shakespearean Play, presented by the Literary Societies.

" 16, Wednesday, 2:30 p. m., Class Exercises.

" 16, Wednesday, 8 p. m., Annual Concert under direction of the School of Music.

" 17, Thursday, 10 a. m., Commencement Exercises.

" 17, Thursday, 1 p. m., Alumni Luncheon.

" 17, Thursday, 3 p. m., meeting of Alumni and friends of the College.

" 17, Thursday, 8-11 p. m., President's Reception.

CATALOGUE OF STUDENTS

COLLEGE

Senior Class

William Dighton Burdick	Milton
Loyal Fay Hurley	Garwin, Ia.
Mabel Lewis	Stone Fort, Ill.
Harrison Morton Pierce	Alfred Station, N. Y.
Lester Ray Polan	Jackson Center, Ohio
Victor Strong Randolph	Milton
Eleanor Wilbur	Milton

Junior Class

Adelaide June Bartholf	Milton
William Kenworthy Bonnell	Elizabeth, N. J.
Allison Lovelle Burdick	Milton
Elva Conrad	Elizabeth, N. J.
Stephanie Daland	Milton
Aster Fay Davis	Farina, Ill
Odessa Leola Davis	Milton
Clifford Franklin Gesler	Bangor
Frances Marian Ingham	Fort Wayne, Ind.
Helen Marguerite Johnson	Milton Junction
Lewis Arthur Lush	Harvard, Ill.
Anna Ensign Post	Chicago, Ill.
Kenneth Bowen Randolph	Milton
Clark Hull Siedhoff	Milton
Nels George Sorensen	Dodge Center, Minn.
Vida Lowe Thomas	Ely, Minn.
Arlie Gladys Thorngate	North Loup, Neb.

George Thorngate	North Loup, Neb.
Mary Cecile Wentworth	Edgerton
Carroll Benjamin West	Milton Junction
Zea Zinn	Farina, Ill

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Sophomore Class

Grace Leona Babcock	Welton, Ia.
Robert McFarlane Barlass	Janesville, R. F. D.
Clifford Leslie Burdick	Milton
Beth Marie Davis	Milton
Clarence Adelbert Davis	Verona, N. Y.
Paul Llewellyn Fetherston	Milton
Marian Adelle Howard	Farina, Ill.

—7

Freshman Class

Geneva Elin Bennett	Milton, R. F. D.
Isabella Brown	North Loup, Neb.
Bessie Margaret Buell	Janesville
Ethel Frances Carver	Marion, Ia.
Esther Crandall	Milton
Carroll Leslie Coon	Milton Junction
Sidney Charles Green	Albion
Mamie Gunderson	Milton
Frank Gregory Hall	Milton
Elroy Hall Hinkley	Milton Junction
Leo Lu Lanphere	Milton
Paul Phelps Randolph	Milton
Mary Belle Taylor	Avalon
Mary Rachel Thorngate	North Loup, Neb.
Dale Rex Van Horn	North Loup, Neb.
Robert Nichols Walters	Avalon

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Special Students

Nettie Arlene Borden	Milton
Gladys Vera Cartwright	Chippewa Falls
Margaret Dunn	Milton
Rachel Gladys Dunn	Milton
Lois Goodrich	Milton
Hazel Margaret Hull	Chicago, Ill.
George Washington Ives	Milton
Everett Leroy Smith	Milton, R. F. D.

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ACADEMY

Fourth Year

Marjorie Burdick	Milton
James Henry Hadden	Janesville, R. F. D.
Robert Hadden Lamb	Janesville, R. F. D.
Hannah Shaw	North Loup, Neb.
Helen Shaw	North Loup, Neb.
John Harold Thorngate	North Loup, Neb.

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Third Year

John Menzies Barlass	Janesville, R. F. D.
Victor De Florence Freeborn	New Auburn
Frank Lawrence Greene	Plainfield
Nan Grundy	Janesville
Henrietta Pauline Lewis	Stone Fort, Ill.
Catherine Jane McLay	Janesville, R. F. D.
John McFarlane McLay	Janesville, R. F. D.
Eleanor Ada Shaw	Edgerton
Harry Elno Talbot	Milton

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Second Year

Gladys Eva Calkins	Delavan, R. F. D.
Francis Henry Hurley	Welton, Ia.
Sarah Janette Lamb	Janesville, R. F. D.

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First Year

Robert Austin	Milton, R. F. D.
Hazel Marie Davis	Milton, R. F. D.
Esther Sylvia Hurley	Welton, Ia.
Victor Harold Hurley	Welton, Ia.
Violet Alexander Livingston	Milton Junction
Ruby Rebecca Mawhinney	Milton
Alverda Hope Van Horn	Welton, Ia.
Reva Mildred Van Horn	Welton, Ia.

—8

Special Students

Pansy Arlene Freeborn	Milton
Ruth Marian Gifford	Milton

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SCHOOL OF MUSIC

Harmony

Beth Bingham	Milton, R. F. D.
Lucine E. Jones	Janesville
Wilna M. Jones	Janesville
Kenneth B. Randolph	Milton
Victor S. Randolph	Milton
Hannah Shaw	North Loup, Neb.
M. Cecile Wentworth	Edgerton

—7

Voice Culture

Grace L. Babcock	Welton, Ia.
Leslie J. Bennett	Milton, R. F. D
Allison L. Burdick	Milton
Rachel A. Coon	Milton
Beth M. Davis	Milton
R. Gladys Dunn	Milton
Margaret Owen	Milton Junction
Kenneth B. Randolph	Milton
Victor S. Randolph	Milton
Clark H. Siedhoff.	Milton
Katharine Vickerman	Milton, R. F. D.

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Pianoforte

Clyde E. Arrington	Milton
Doris Babcock	Milton
Mrs. H. M. Barbour	Milton
Beth Bingham	Milton, R. F. D
Kathryn S. Clarke	Milton, R. F. D.
Mildred M. Campbell	Milton
Phyllis Campbell	Milton
Vera E. Coon	Milton Junction
Mildred Crandall	Milton
Hazel M. Davis	Milton, R. F. D.
Lois Goodrich	Milton
Eva R. Gurley	Milton
H. Margaret Hull	Chicago, Ill.
Marion Hull	Milton Junction
Mrs. Mae Hurley	Garwin, Ia.
F. Marian Ingham	Fort Wayne, Ind.
Lucine E. Jones	Janesville
Wilna M. Jones	Janesville
Beulah Lanphere	Milton

Catherine Maxson	Milton
Hazel McGowan	Milton Junction
Jessie Post	Chicago, Ill.
Kenneth B. Randolph	Milton
Victor S. Randolph	Milton
Gladys Saunders	Milton, R. F. D.
Eleanora M. Seeger	Milton Junction
Lillian Sommerfeldt	Milton
Mrs. Ruth Stringer	Milton
William Summers	Milton, R. F. D.
Vida L. Thomas	Ely, Minn.
Winifred Van Horn	Milton
Alverda H. Van Horn	Welton, Ia.
M. Cecile Wentworth	Edgerton
Nellie M. Wilcox	Milton, R. F. D.

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Violin

Herbert Barnes	Milton
Ardis Bennett	Milton, R. F. D.
Ruth Bingham	Milton, R. F. D.
Marjorie Burdick	Milton
Dorothy Maxson	Milton
Doris Randolph	Milton
Paul P. Randolph	Milton
Alice Pfeiffer	Milton
Loraine Summers	Milton, R. F. D.
Alverda H. Van Horn	Welton, Ia.

—10

Elementary Singing Class

Mizpah Bennett
Goldie Davis
Mildred Campbell
Phyllis Campbell
Nan Grundy
Ruby Mawhinney
Dorothy Maxson
Sybil Reid
Kistin Sunby
Alverda Van Horn
Chloe Van Horn
Winifred Van Horn
Mildred Waterman

Lawrence Babcock
John Barlass
Robert Barlass
Sidney Green
Harvey Holmes
Francis Hurley
Victor Hurley
Robert Lamb
Leo Lanphere
Charles Maxson
John McLay
Howell Randolph
John Thorngate
Bert Waterman

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SUMMARY OF THE CATALOGUE OF STUDENTS

College

Senior Class	7	
Junior Class	21	
Sophomore Class	7	
Freshman Class	16	
Special Students	8	
Total		59

Academy

Fourth Year	6	
Third Year	9	
Second Year	3	
First Year	8	
Special Students	2	
Total		28

School of Music

Harmony	7	
Voice Culture	11	
Pianoforte	34	
Violin	10	
Singing Class	27	
Total in the School of Music counted once	75	
Total in the School of Music not in the College or in the Academy		46
Total in the Institution		133

THE DAVIS PRINTING CO., MILTON, WIS.

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1915/16

Catalogue of
MILTON COLLEGE
1915-1916

Wis.

FEB 1 1921

MAR 7 1917

Professor Harris Merrill Barbour

Catalogue of
MILTON COLLEGE
1915-1916

CALENDAR FOR YEAR 1916-'17.

1916		
Sept. 11-13	Monday-Wednesday	Registration days
Sept. 14	Thursday	First semester begins
Nov. 30-Dec. 3	Thursday-Sunday	Thanksgiving recess
Dec. 19	Tuesday	Sophomore and junior orations due
Dec. 20	Wednesday	Christmas recess begins
1917		
Jan. 3	Wednesday	Recitations resumed
Jan. 18	Thursday	Day of prayer for colleges
Jan. 22-26	Monday-Friday	Registration days for second semester
Jan. 30-Feb. 2	Tuesday-Friday	Final examinations, first semester
Feb. 5	Monday	Second semester begins
March 15	Thursday, 8 P. M.	Oratorical contest
Mar. 28-Apr. 3	Wednesday-Tuesday	Spring recess
Apr. 4	Wednesday	Recitations resumed
May 30	Wednesday	Memorial Day
June 11-15	Monday-Friday	Final examinations second semester
June 15-21	Friday-Thursday	Commencement Week

* * *

JUBILEE CELEBRATION

During Commencement week in 1917 Milton College will celebrate the semi-centennial anniversary of the granting of the college charter in 1867. Detailed announcement of the exercises will be published.

BOARD OF TRUSTEES

Office expires in 1916

	ELFRED D. BLISS,	Milton
	ALLEN B. West, M. A.,	Milton Junction
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	WILLIAM B. WELLS, M. A., M. D.,	Riverside, Cal.
Rev.	LESTER C. RANDOLPH, D. D.,	Milton
Rev.	THEODORE J. VAN HORN, M. A.	Gentry, Ark.
	A. LOVELLE BURDICK, M. S., M. D.,	Milton
	BENONI I. JEFFREY,	Milton
	GEORGE E. CROSLEY, M. D.,	Milton

Office expires in 1917

	E. STILLMAN BAILEY, M. A., Ph. D., M. D.,	Chicago, Ill.
	C. EUGENE CRANDALL, M. A., Ph. D.,	Milton
Hon.	PAUL M. GREEN,	Milton
	WALTON H. INGHAM, Ph. B.,	Fort Wayne, Ind.
	JAMES MILLS, M. S., M. D.,	Janesville
	ALBERT S. MAXSON, M. D.,	Milton Junction
	WARDNER WILLIAMS, Ph. D., Mus. D.	Pueblo, Colo.
	OTTO F. SEEGER	Milton Junction
	JUSTIN H. BURDICK, M. D.,	Milton

Office expires in 1918

Prof.	ALBERT WHITFORD, M. A.,	Milton
	WILLIAM B. MAXSON,	Milton
	GEORGE R. BOSS,	Walworth
	J. NELSON HUMPHREY, M. A.,	Whitewater
	FRED C. DUNN,	Milton
Ass't Supt.	JAMES B. BORDEN, M. A.,	Madison
	JAMES H. COON,	Milton
	TRUMAN A. SAUNDERS,	Milton
	GEO. W. POST, M. A., M. D.,	Chicago, Ill.

OFFICERS OF THE BOARD

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Rev. LESTER C. RANDOLPH, Vice President.
ALLEN B. WEST, Secretary.
C. EUGENE CRANDALL, Treasurer.
WALTON H. INGHAM, Financial Agent.

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Medical Director

Dr. GEORGE E. CROSLEY.

Medical Director for Women

Dr. SUSAN S. RANDOLPH.

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*Committee of the Faculty, appointed by the Board of Trustees.

FACULTY

WILLIAM CLIFTON DALAND, M. A., D. D., President, Professor of the English Language and Biblical Literature.

B. A., Brooklyn Polytechnic Institute, 1879; Student, Union Theological Seminary, New York City, 1883-'86; M. A., Alfred University, 1887; D. D., Milton College, 1896; D. D., Alfred University, 1903; Organist and Teacher of Music, Elizabeth, N. J., and Brooklyn, N. Y., 1874-'86; Pastor, Leonardsville, N. Y., 1886-'91; Pastor, Westerly, R. I., 1891-'96; Pastor, London, England, 1896-1900; Pastor, Leonardsville, N. Y., 1900-'02; President, Milton College since 1902. Published The Song of Songs, translated from the Hebrew, with notes, 1st edition, 1887; 2nd edition, 1888.

ALBERT WHITFORD, M. A., Professor Emeritus of Mathematics and Astronomy.

WALTER DAVIS THOMAS, M. A., Professor of Greek Language and Literature.

Graduate, Union Academy, Shiloh, N. J., 1873; Teacher Public Schools, 1873-'84; B. A., Milton College, 1884; M. A., Milton College, 1887; Professor, Greek Language and Literature, Milton College, since 1884; Graduate Student, Special work in Greek, Summer Term, University of Chicago, 1897; Student in Greek and History, Summer Sessions of University of Wisconsin, 1901 and 1903.

ALFRED EDWARD WHITFORD, M. A., Professor of Mathematics and Physics.

B. A., Milton College, 1896; M. A., Milton College, 1901; M. A., University of Wisconsin, 1911; Assistant Principal, Waupun High School, Waupun, Wis., 1896-'97; Principal, Milton Public School, 1897-'99; B. A., University of Chicago, 1900; Graduate student in Physics, University of Chicago, 1900-'01; Professor of Physics and Assistant in Mathematics, Milton College, 1901-'10; Assistant in Mathematics, University of Wisconsin, 1910-'11; Professor of Mathematics and Physics, Milton College, since 1911.

Note—With the exception of the President, professors are named in the order of their appointment.

ALBERT ROGERS CRANDALL, M. A., Ph. D., Professor of Natural History and Physiology.

B. A., Milton College, 1873; M. A., Milton College, 1876; Ph. D., Milton College, 1885. Entered the Academic Department of Alfred University in 1858. His studies were interrupted by the Civil War. After nearly two years and a half of service in two enlistments, he was mustered out with the rank of First Lieutenant. After studying three years at Milton College and teaching one year as principal of Big Foot Academy, Walworth, Wis., was special student in the Museum of Comparative Zoology at Harvard University during five years, taking special studies in geology, paleontology, and zoology with botanical studies at the Botanical Garden, and also art studies for one year at the Boston Lowell Institute Evening School. During these years the long summer vacations were spent in field studies as a collector for the Museum of Comparative Zoology. These studies were extended over parts of Rhode Island, Massachusetts, and Maine; to the Ottoway region in Canada; to western New York, and along the Appalachian belt from the Catskills to Northern Georgia and Alabama. Appointed Assistant of Prof. N. S. Shaler of Harvard University in the work of the Kentucky Geological Survey, 1873. Instructor in the Department of Natural History of the Agricultural and Mechanical College of Lexington, Kentucky, 1873-'74. Three years later was appointed Professor. Instructor in the Summer School of Geology organized by Professor Shaler at Cumberland Gap, Kentucky and Virginia, in 1875. Continued work on the Geological Survey in conjunction with his duties as professor of Natural History until 1893. Professor of Natural History in Alfred University, 1896-1903. Professor, Natural History, Milton College since 1903. Formerly fellow of the American Association for the Advancement of Science and of the Geological Society of America. Member of the Advisory Council on Religious Congresses in connection with the World's Columbian Exposition, Chicago, 1893. Among his published works are reports on the Geology and Botany of Eastern Kentucky, Vols. 1, 2, and 4, second series, and Vol. C of later reports, besides many papers and addresses.

ALBERT WESLEY KELLEY, Ph. D., M. D., Sc. D., Professor of Chemistry.

B. S., Union College, 1876; Ph. D. (in course), Otterbein University, 1892; M. D., College of Medicine and Surgery, 1896; Sc. D., Adrian College, 1906. Professor of Natural Science, Fostoria College, 1879-'86; Professor of Chemistry and Biology, Union College, 1899-1901; Dean and Professor of Chemistry and Biology, Battle Creek College, 1886-'99;

Professor of Chemistry, Adrian College, 1901-'06; Professor of Natural History and Agriculture, Alfred University, 1906-'07; Special Lecturer in Medical Chemistry and Bacteriology, College of Medicine and Surgery, 1893-1907. Professor of Chemistry, Milton College, since 1908.

DAVID NELSON INGLIS, M. A., Professor of Romance Languages.

B. A., Milton College, 1905; M. A., University of Wisconsin, 1908; Principal of Graded School, Marquette, Wisconsin, 1905-'07; Student, University of Wisconsin, 1907-'08; Assistant in Romance Languages, University of Wisconsin, 1908-'10. Professor of Romance Languages, Milton College, since 1910.

LEMAN H. STRINGER, B. A., Professor of Public Speaking, Instructor in Voice and Physical Training.

B. A., Milton College, 1909; Teacher, West Allis High School, 1909-'12; Professor of Public Speaking, Milton College, since 1912.

HARRIS MERRILL BARBOUR, M. A., Professor of Philosophy and History.

B. A., Brown University, 1906; B. D., Newton Theological Institution, 1909; Minister, Arlington Heights, Mass., 1909-'11; Graduate Student and Assistant in Philosophy, Brown University, 1911-'13; M. A., Brown University, 1913; Professor of Philosophy and History, Milton College, since 1913.

*JOHN NORTON DALAND, M. A., Professor of Latin Language and Literature.

B. A, Milton College, 1913; M. A., University of Wisconsin, 1914. Professor of Latin Language and Literature, Milton College, 1914.

Mrs. ANNA SOPHIA CRANDALL, M. A., Instructor in German Language and Literature.

B. A., Milton College, 1881; M. A., Milton College, 1885; Instructor, German Language and Literature, Milton College, 1881-'82; Student in Hebrew Language and Literature at Morgan Park Baptist Theological Seminary, 1882-'86; Studied German in Berlin, Germany, 1899-1900; Instructor, German Language and Literature, Milton College, since 1900.

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*On Leave of Absence.

Miss MABEL MAXSON, M. A., Instructor in English Literature.

B. A., Milton College, 1911; M. A., University of Wisconsin, 1912; Instructor in English Literature, Milton College, since 1912.

Miss ADA ELIZABETH CRANDALL, B. A., Instructor in Latin and English in the Academy of Milton College.

B. A., Milton College, 1912; Instructor in English and French, Salem College, 1912-1914; Instructor in Latin and English, Academy of Milton College, since 1914.

MISS MARGARET EVELINA LAMONT, B. A., Instructor in Latin.

B. A., Alfred University, 1914; graduate student Alfred University, 1914-1915; Instructor in Latin, Milton College, since 1915.

MISS ALBERTA CRANDALL, Instructor in Piano Playing.

Student, Milton College and School of Music, 1893-'98; Certificate Pianoforte Course, 1908; Student and Teacher of Piano, Alfred University 1898-1901; Special student under Dr. W. S. Matthews of Chicago, 1901; Student, New England Conservatory of Music, Boston, Massachusetts, 1902-'03; Student, New England Conservatory of Music, pupil of Carl Baermann, 1907-'08. Instructor in Piano Playing, Theory, and History of Music, Milton College, since 1903.

Miss NELLIE BENTLEY, Instructor in Violin Playing.

Miss MABEL MAXSON, M. A., Librarian.

Prof. A. E. WHITFORD, M. A., Registrar.

GENERAL INFORMATION

Milton College is situated in the village of Milton, Rock County, Wisconsin, on the Prairie du Chien division of the Chicago, Milwaukee and St. Paul Railway, and at the Junction of this division with the Mineral Point branch, which unites at Janesville with two other lines of that railroad going to Chicago. One mile west of the village, the Prairie du Chien division crosses at Milton Junction the Janesville, Watertown and Fond du Lac line of the Chicago and Northwestern Railway. By these great thoroughfares, direct access is secured several times a day to the principal parts of the Northwest.

The institution was first opened as a Select School in the village of Milton in the year 1844. In the year 1848 it was incorporated as Du Lac Academy, which in 1854 was reorganized under the name of Milton Academy. In April, 1867, by an act of the State Legislature, it was created Milton College, under which name and style it has since been carried on as a college of liberal arts, with a preparatory department, now called the Academy of Milton College, and a School of Music.

The moral and religious influences of the community about the institution are unsurpassed. The village has always been free from the haunts of idleness and dissipation, and is still one of the safest in these respects where young men and women may attend school. Its inhabitants have had long experience in association with students, and have from the beginning exercised the most kindly feelings and thoughtfulness in assisting them in their work, and in encouraging them to acquire a thorough and liberal education.

AIMS OF THE INSTITUTION

Milton College has won its favorable reputation and maintained its usefulness by the steady and earnest pursuit of the following ideals:—

1. It has been from the first co-educational, offering all its advantages equally to men and women.

2. Encouragement and opportunities of self-support are always given as far as possible. It is possible for industrious students to earn enough to help them pay a large part of their expenses. Nevertheless it is unwise for a new student to depend upon obtaining work at once. It is desirable that such coming for the first time have sufficient funds to pay his expenses for at least one semester, or one half the college year.

3. While students are admitted at any time, and may choose any studies offered either in the academy or the college, which they are qualified to pursue, they are nevertheless advised to select definite courses of study and pursue the same consistently. They are also advised to enter at the beginning of the college year and continue their studies through one year at least. This is especially urged upon students who have to interrupt their studies in order to earn money for their expenses. It is better to spend a year in earning money and then attend college for a year than to spend a part of each year in study and another part in earning money.

4. From the first, Milton College has aimed to secure thoroughness in all the student's work and sound preparation at every stage of education as a basis for further advancement.

5. The system of discipline enforced has as its aim the following ends: First, to secure excellent proficiency of the student in his classes; second, to aid him in the formation of those habits of life which will insure success, and to develop those traits of character which will render him self-reliant, courteous, law-

abiding, and upright. The sentiments of personal honor and goodwill are called into action in securing good order among the students; and appeals are made to one's sense of duty in supporting rightful authority and in maintaining the high character of the institution.

6. While the teachers try by precept and example to inculcate the principles of the Christian religion, no sectarian tenets are taught. Daily chapel exercises are held; regular weekly prayer meetings are sustained by the students themselves, who are encouraged to attend divine services of some church of their choice; any religious truth, not of a denominational character, may be explained in the ordinary recitations and in the devotional exercises, when occasion seems to demand such explanations.

GOVERNMENT OF THE STUDENTS

I. Terms of Admission

1. No person is admitted to a class until matriculated as a student and duly registered at the office for the study in question. Days are appointed for this purpose at the beginning of each semester, although students may, if necessary, be admitted at other times.

2. Admission to the Freshman class of the College is in accordance with the entrance requirements as stated on pages 21 and 22.

3. Admission to the classes of the Academy is in accordance with the standing of the student, determined either by examination or by credited standings from other schools.

4. Students in the School of Music are subject to the judgment of the instructors as to their qualifications.

5. Students in the School of Music and those pursuing special courses must conform as well as others to the general rules and regulations.

6. Applicants for admission from other institutions must present certificates of dismission in good standing when required to do so.

II. General Government

1. The general oversight of the deportment and studies of the students is assigned by the Trustees of the college to the Faculty, of which the President is the executive officer. An appeal from any decision or arrangement of his, as well as any request for any special or general favor, may be made through him directly to the Faculty.

2. Students matriculating and taking up studies in any courses are regarded as pledging themselves to obey the following rules and regulations, and any others that may be made by the Faculty or Trustees.

III. Regulations Concerning Studies

1. All charges for tuition and other fees must be paid in advance. No deduction in these will be made for an absence of less than half a semester. No student will be admitted to any class until his fees for the semester have been paid or until satisfactory arrangements have been made with the treasurer for payment at a later time.

2. After a student is admitted and his studies are registered at the office, no change in these will be allowed without the permission of the President.

3. Any student who desires to pursue a study outside of a class and receive credit therefor must first obtain special permission from the faculty. Such work must be carried on under the supervision of the professor in charge of the department in which the study is pursued. The fee for such supervision is noted in the table of fees under "Miscellaneous Information," and must be paid with the other fees at the office.

4. Regular study and punctual attendance upon all recitations and prescribed exercises are required of all students. All students are expected to attend the daily chapel exercises. Any college student who during any semester is absent from chapel exercises to the number of one in ten of the whole number will be required to take two semester-hours' additional work in his course toward his degree. Any academy student similarly absent will be required to do additional work toward graduation to the amount of one half unit.

5. Professors and instructors may deduct one unit on a scale of one hundred from a student's standing for a semester in any study for each unexcused absence from a class exercise in that study. All applications for excuses for absence from recitations shall be made to the President, in advance if possible, and such excuses when so obtained shall be filed with the proper instructor. Blanks for this purpose are provided at the office.

IV. Student Activities and General Deportment

1. At the beginning of each college year there is formed a Student Council, consisting of ten representatives, one from each college class, one from each of the four literary societies, and one from each of the two Christian Associations. This council may be called by the President of the college when he desires the co-operation or advice of the student body in regard to any matter of policy or of discipline. These rules and regulations are either such as have been in force for many years or else such as have been made with the co-operation of the student council.

2. To assist in the regulation of student activities each college class, at the beginning of the year, chooses a class adviser from the members of the faculty. The class adviser represents the faculty in dealing with the class and is the advocate of the class in dealing with the faculty.

3. All public meetings, entertainments, or social gatherings of the students are held subject to the approval of the President. But to assist in the regulation of the number of public college functions, the President's approval must be obtained before any public meeting is announced or any date set for the same. A bulletin of approved college functions will be posted at the college every Friday morning for the following week.

4. All social college functions must have chaperons approved by the faculty. All evening meetings of academy classes or all meetings of these classes for social purposes must have chaperons approved by the faculty. The chaperonage of evening or social meetings of college classes is left to the discretion of the class adviser.

5. General college functions should not be held later than half past ten o'clock.

6. Students who do not live with parents or guardians and who have occasion to leave the village should obtain permission to do so from the President.

7. Profane and obscene language at all times and gambling in all forms are forbidden.

8. Students convicted of using intoxicating liquors, except by order of a physician, shall forfeit their standing in the institution.

9. Students are prohibited from using tobacco on the grounds or in the buildings of the institution.

V. Rules Governing Goodrich Hall

1. The Hall will be closed at ten o'clock in the evening.

2. Young ladies who are obliged for any reason to be out in the evening are expected to make an arrangement for their absence with the preceptress and must not remain out later than ten o'clock unless such arrangement is perfectly satisfactory to the preceptress.

3. The young ladies are expected to refrain as far as possible from visiting each other in their rooms during the hours devoted to college recitations. They are asked to discourage visits during these hours.

4. Gentlemen visitors are not allowed at all in the young ladies' rooms, but may be received in the reception room at proper times, subject to any arrangement the preceptress may see fit to make. This regulation is not intended to apply to parents or guardians nor in case of parties given subject to the approval of the preceptress.

5. Parties or other entertainments in the Hall may be given only subject to the approval of the preceptress.

VI. Rules Governing Athletics

1. All athletic affairs are under the supervision of the Faculty Committee on Supervision of Athletics, which is appointed by the Trustees and acts in consultation with the President of the college. The immediate control of the Gymnasium is assigned to the Physical Director.

Gymnasium – Auditorium

2. No games or sports of any kind are permitted on any part of the campus or in the gymnasium on either the Seventh or First days of the week, except that the gymnasium may be used for public games on Saturday evening, but not on Friday evening.

3. No playing of any kind or athletic practice of any kind shall be carried on in the vicinity of the buildings in which classes are held between 8 a. m. and 12:00 noon, or between 1:00 and 4 p. m. But the tennis courts may be used from noon till dusk, although not from 8 a. m. to 12:00.

4 The gymnasium is regularly open after 3:00 p. m. each school day and is closed not later than 7 p. m.

5. In arranging schedules of games the manager of every team shall consult with the chairman of the Faculty Committee on Supervision of Athletics.

6. A team may not play more than one regularly scheduled game per week, except in the case of a single trip to two or three institutions situated near together, and as far as possible games away from home should alternate with games at home.

7. Students pursuing regular studies to the amount of ten recitation periods a week in either college or academy are eligible to represent the institution in athletic contests, provided they have been registered at the beginning of the semester during which the contests are held; except that no student is allowed to play on any team who has done unsatisfactory work for two consecutive weeks. Further, no student who is pursuing studies in another institution that has an athletic team is allowed to play on a similar team representing Milton College.

VII. Requirements and Regulations Concerning Gymnasium Work

1. Gymnasium classes are to begin their work on or about October 1 each year and continue while college is in session until

April 1. This shall be considered a year's work. The remainder of the year is to be given over to tennis, baseball, track athletics and the like.

2. Two years of gymnasium work shall be required of all students during their college course, unless they are exempted therefrom as hereinafter provided.

3. No student shall be exempt from gymnasium work unless by advice of the Medical Director or upon the certificate of an employer showing that the work in the gymnasium interferes with the earning of a livelihood. Reasons for exemption in the latter case must be presented to the Faculty with the written certificate in question.

4. No student shall receive credit for a semester's work in the gymnasium unless he attends seventy (70) per cent of the class periods for that semester.

5. A year's work shall consist of two periods per week from Oct. 1 to Apr. 1. Men's classes are usually held on Mondays and Wednesdays; Women's classes, on Tuesdays and Thursdays.

6. Gymnasium costume for women shall consist of middy blouses and full bloomers. All suits shall be of uniform pattern, color, and material; they shall all be approved by some person to be designated by the Committee on Supervision of Athletics.

7. No student shall be allowed to wear gymnasium costume outside the gymnasium except as permitted by the Physical Director.

8. Rules concerning the use of the Gymnasium and behavior in the building are posted in the building itself and must be obeyed.

VIII. Rules Respecting Examinations

1. Besides the final examination held at the close of each semester, frequent written tests are held during the semester; from an average of the student's standings in these examinations

as well as from his standings in daily recitations the final standings are determined.

2. No student whose absence from recitations or other exercises in a given study reaches a total of ten per cent of the whole number of class exercises in that study in a given semester will be allowed to take his final examination in that study except by special permission of the faculty, which permission shall be obtained by petition of the student so absent. In computing such percentage excused as well as unexcused absences shall be counted, and an absence on the first day of a semester or the last day before a recess or the first day after a recess shall be counted as two absences.

3. College seniors whose class standings are above ninety per cent during the second semester may be excused from taking final examinations in June.

4. In order to receive credit for any study a student must reach an average standing of at least seventy on a scale of one hundred. A student whose final standing in any college study is sixty-five per cent or more, but below the passing grade, is conditioned in that study and may at an appointed time within a year take an examination to remove the condition.

5. A student failing without excuse to take a written test in any class will not be allowed to continue in that class until he has complied with his duty, and a student failing to take the final examination in any study will not be allowed to register for a subsequent semester unless by special permission of the Faculty he arranges to take the examination in question.

6. For every special final examination—that is, for every final examination held for the benefit of a single student—a fee of one dollar is charged. See table of Fees.

IX. Arrangements Respecting Graduation

1. A student completing satisfactorily the studies in any one of the courses of the academy is graduated in that course, and

receives a diploma certifying the fact.

2. Students having completed the studies in any one of the courses in music, (pianoforte, violin, viola, violoncello, vocal music, voice culture, or harmony) together with the studies in any one of the courses of the academy or their equivalent, will be entitled to receive certificates of graduation in such course.

3. Students who are graduated from the college receive the degree of Bachelor of Arts.

X. Use of the Library

1. The oversight and control of the Library of Milton College and of all arrangements in connection with the use of the Library and Reading Room is assigned to the Librarian, who is appointed by the Trustees and acts in consultation with the President of the college.

2. Special regulations concerning the use of the Library are posted in the Library itself. See also in this catalogue pages 63 and 64.

ENTRANCE REQUIREMENTS

Every student who enters the Freshman class must offer fifteen (15) entrance units. The term unit means the equivalent of five recitations a week for one year in one branch or closely allied branches of study. These shall be as follows:

Mathematics (algebra 1, geometry 1)	2 units
English	3 "
History (ancient history 1, or medieval and modern history 1, or United States history 1, or English history 1)	1 "
Science (botany 1, or botany and physical geography 1, or chemistry 1, or physics 1, or physiology or physical geography 1, or zoology 1)	1 "
Language (Latin 4, or two languages each 2)	4 "
	11 units

Any four units from the following:

One language	1 or 2 units
English	1 or 2 "
History	1, 2, or 3 "
Civics and economics	1 "
Mathematics	1 "
Science	1, 2, or 3 "
Optional subjects	1 "

If one unit only of language is offered in addition to the language included in the first list of eleven units, it must not be first year work in any language.

Students who can offer only two units of language, but who have enough other credits to make up the full fifteen (15) units, will be admitted to the freshman class, provided that they take two years of another language in the Academy of Milton College, for which ten (10) semester-hours' credit will be given on their free electives in the college course, except in the case of Greek, for which sixteen (16) semester-hours' credit will be given, and in case of French, pursued in the college, for which twenty (20) semester-hours' credit will be given.

Sixteen semester-hours' credit may be given for Cicero and Virgil pursued by college students fully prepared in language.

The description of courses under "Studies in the Academy" may furnish to those who are planning their high school courses suggestions as to what Milton College considers good preparation for college.

Admission

Students who are graduates of any high school or academy which is on the accredited list of preparatory schools published by the University of Wisconsin will be admitted to the college upon the presentation of a certificate signed by the principal showing the satisfactory completion of the fifteen (15) required units as shown under "Entrance Requirements." Other students desiring to enter the college will furnish certificates of work done in their respective preparatory schools, and may be called upon to submit to entrance examinations in part or in all of the subjects offered for entrance from the school in question. When such students are conditioned in one or more subjects, they are allowed to make up their conditions in the Academy of Milton College. Blank forms for use in making out certificates may be obtained from the Registrar of the College.

The statements concerning work required for admission to college are to be interpreted in the light of the general principle that what the college seeks in those who come as freshmen is ability to do well the work of the college course. The state-

ments set forth what in general the faculty believes to be the preparation that is most likely to secure this ability. But a preparatory course well and thoroughly pursued by a student of ability, even though that course may lack certain of these requirements, is likely to insure better work in college than a preparatory course complete in every respect, but pursued superficially and carelessly by an indifferent student. Nevertheless, the foregoing statements are those that best express the judgment of the faculty of Milton College.

Additional Test

In the eleven specifically required units mentioned are three units of English. This represents what the faculty thinks desirable. But students may be admitted with two units of English, provided that their course is otherwise complete, comprising fifteen units.

Since 1914, however, an additional test has been imposed upon students who offer themselves for entrance. This test is with a view to discover their ability to think consecutively and clearly and to express their thoughts in correct and appropriate language. Those who satisfactorily pass this test are admitted to the regular freshman work in English. Those who are not successful do not enter the freshman English class, but are assigned to a preparatory class in English for one year. For the work of this class they receive no credit on their college course. But they have to complete this preparatory course before they take the regular freshman English work. Hence it is impossible for a student who fails in this test to finish all of his freshman work in a year from the time he enters college.

General Statement

The unit upon which as a basis college courses are computed is the semester-hour, which is equal to one hour of recitation or lecture per week for one semester. Two hours of labora-

tory work receive credit as one semester-hour. Students are expected to take sixteen (16) hours per week in recitations, lectures, and laboratory work, making thirty-two (32) semester-hours per year, and one hundred and twenty-eight (128) for the course. No student will be permitted to receive toward graduation credit of more than eighteen (18) semester-hours in one semester except by permission of the faculty obtained in advance. Such permission will not be granted in any year to a student whose average standing during the preceding year has not reached ninety per cent. A student whose average standing during any year fails to reach eighty per cent will be thereafter limited in his registration at the discretion of the faculty.

Required Work

The required work by years is as follows:

Freshman year	
English 3 hours per week	6 s.-h.
Mathematics 3 hours per week	6 s.-h.
Two languages each 5 hours per w'k	20 s.-h.
	32
Sophomore Year	
History 3 hours per week	6 s.-h.
Psychology 3 hours per week	3 s.-h.
*Educational Psychology	3 s.-h.
Natural science 5 hours per week	10 s.-h.
Elective	10 s.-h.
	32

*Required of those who wish to teach in Wisconsin. See page 27. Other students take thirteen (13) semester hours of elective subjects instead of ten (10).

Junior Year		
	Logic and philosophy 3 hours per w'k	6 s.-h.
	*Public speaking 2 hours per week	4 s.-h.
	Elective 11 hours per week	22 s.-h.
		32
Senior Year		
	Ethics 2 hours per week	4 s.-h.
	**History of Education	4 s.-h.
	**Pedagogy	3 s.-h.
	Elective	21 s.-h.
		32
Total for the course		128

Of the two languages pursued in the freshman year one must be a continuation of a language offered for entrance. The student may take his natural science in the freshman year and then defer the second language till the sophomore year. This is recommended to those taking science as a major. The second language may be freely chosen, but the first year's work in any language will not be accepted as fulfilling the requirement of the second language until the second year's work in that language is taken.

Major Study

The studies of the college courses are divided into three groups as follows:

I. Language and Literature.
II. History, Social Science and Philosophy.
III. Natural Science and Mathematics.

At the beginning of the sophomore year, a candidate for a baccalaureate degree must, with the advice of the President, choose a major subject from one of the above groups and a minor subject from another department of the same group; pro-

*Public speaking may be taken in the sophomore year in addition to the other work; this is advised if the student can arrange time for it then.

**Required of those who wish to teach. Other students take twenty-eight (28) semester hours of elective subjects instead of twenty-one (21).

vided, however, that a suitable language may be chosen as a minor subject in connection with any major and that mathematics may be chosen as a major subject in connection with a minor in either group I. or group II. He will be required to do not less than twenty (20) semester-hours in his major subject and not less than ten (10) semester-hours in his minor. Studies to be counted toward work in the major and minor subjects are allowed only according to the judgment of the professor in charge of the work in question. The electives of the sophomore year should be devoted to the major subject.

Electives for the Sophomore Year

I	II	III
Latin	Economics	Conics and Surveying
Greek	History of Education	Analytics
French	Advanced Civics	Biology
Spanish	English Bible	Chemistry
German	Educational Psychology	Physics
Sophomore Composition		Mechanical Drawing
Anglo-Saxon and Middle English		
English Literature		

Electives for the Junior and Senior Years

I	II	III
Latin	History	Conics and Surveying
Greek	Economics	Analytics
French	Advanced Civics	Calculus
Spanish	History of Philosophy	Astronomy
German	History of Education	Biology
Old and Middle High German	Pedagogy	Zoology
Old Saxon	English Bible	Botany
Gothic		Physiology
Anglo-Saxon		Geology
Middle English, etc.		Chemistry
English Literature, etc.		Physics

Degrees

All graduates from Milton College receive the degree of Bachelor of Arts.

Orations

Each student in the sophomore and junior year is required to produce an oration. These orations must be finished and handed to the Professor of Public Speaking before the Christmas recess. They must be delivered either in the annual contest of the Oratorical Association of the college, or in one of the preliminary contests, or in some public exercise arranged by the faculty and held on a date earlier than that of the annual contest.

Theses

A thesis on some subject connected with the major study is required of every student for graduation for which four (4) semester-hours' credit is given in the senior year. Theses must be typewritten and furnished for the college library by the Friday before Commencement. Diplomas will be withheld from students that fail to comply with this requirement.

Teachers' Certificates

According to recent legislation all applications by college graduates for life certificates to teach in the state of Wisconsin are to be considered solely upon their merits. Any graduate desiring to obtain such a certificate must file an application setting forth the studies he has pursued, duly certified by the college from which he is graduated. He may then be required to take an examination in certain subjects. If the application is satisfactory or if the examination is duly passed, a certificate will be granted after two years' successful experience in teaching and the maintenance of a good moral character. At least twelve (12) semester hours' work in Psychology and Education are required, of which nine (9) must be in the department of education.

DEPARTMENTS OF INSTRUCTION

English

1 Freshman English.

Lectures on English composition. Exercises in paragraph and theme writing, directed toward the formation of an effective prose style. Text-books: Linn's *Essentials of English Composition* and *Illustrative Examples of English Composition.* Required of all college students in the freshman year. *Three hours a week throughout the year.*

Note—The work in this course consists of the following parts:

a) Class exercises or lectures three times a week.

b) Short themes twice a week.

c) Weekly translations from a foreign language.

d) Longer bi-weekly themes based on the required readings.

e) Required readings: (1) A book of general reading and a standard novel, (2) Winchester's *Principles of Literary Criticism*, (3) Matthew Arnold's *Essays in Criticism*, selected.

2 Sophomore Composition.

Narrative composition. During the recitation hour the class pursues the study of the American short story. Compositions are required weekly or fortnightly. Elective. *Two hours a week throughout the year.*

3 Elementary Anglo-Saxon.

An elementary course with a view to the mastery of the grammar and the reading of normal West Saxon prose, especial attention being given to the derivation of words. Text-book, Cook's *First Book in Old English*, supplemented by selections from Bright's *Anglo-Saxon Reader*, according to the needs of the class. Required of those who take English as a major study. *Three hours a week in the first semester.*

4 Advanced Anglo-Saxon.

Further study of the grammar with especial attention to

difficult forms and to syntax. Study of poems with extensive cursory reading of early and late West Saxon prose. Text-book, Bright's *Anglo-Saxon Reader*, with references to Cook's Sievers' *Old English Grammar* and March's *Comparative Grammar of the Anglo-Saxon Language*. Open to those who have taken course 3. *Three hours a week in the second semester.*

5 Anglo-Saxon Dialects.

A study of the Northumbrian, Mercian, and Kentish dialects, with many of the most ancient remains of heroic poetry. Text-books: Kluge's *Angelsächsisches Lesebuch*, Sievers' *Angelsächsische Grammatik*, and Sweet's *Student's Dictionary of Anglo-Saxon*, with references to Kluge's *Geschichte der englischen Sprache*. Open to those who have taken courses 3and 4. *Three hours a week in the first semes*

6 Beowulf.

Study of the Anglo-Saxon text with reference to early Germanic life and customs. Text-book, Wyatt's *Beowulf*, with references to other works. Open to those who have taken courses 3 and 4. *Three hours a week in either semester, as classes may be arranged.*

7 Early Middle English.

A. D. 1066-1300. Homilies, *Later Saxon Chronicle*, and prose selections in the Midland dialect; *The Ormulum*, *Havelok the Dane*, and poetical selections in the Midland dialect; *The Ancren Riwle* and prose selections in the Southern dialect; poetical selections in the Southern dialect, Layamon's *Brut*, *The Owl and the Nightingale* and *King Horn*. The Midland dialect is made the basis of grammatical instruction, and especial attention is

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Courses 3 to 9 have special reference to the history and development of the language. It is recommended that those choosing English as a major, after taking course 3, pursue consistently either courses 7, 8, and 9 in order, or courses 4, 5, and 6 in order, or both together; or the courses in Anglo-Saxon Poetry may well be taken after those in Middle English. For Old Saxon, students of Anglo-Saxon will see under German courses.

given to Danish and Norman influences. Text-book: Emerson's *Middle English Reader*, with supplementary texts. Open to those who have taken course 3. *Three hours a week in the second semester.*

8 Later Middle English.

A. D. 1298-1400. Sir John Mandeville, Wiclif, John of Trevisa, Dan Michel of Northgate (*Ayenbite of Inwyt*), Robert of Gloucester, *Handlyng Synne*, Lawrence Minot, *Cursor Mundi*, Barbour (*The Bruce*), Langland, Gower, and Chaucer, with a closer study of dialects, including the Northern dialect. Text-books as in course 7. Open to those who have taken course 7. *Three hours a week in the first semester.*

9 Transition and Tudor English.

A. D. 1400-1579. Occleve, Lydgate, James I. of Scotland, Ballads, Dunbar, Douglas, Mallory, More, Tyndale, Ascham, Berners, etc., to Spenser. Text-book, Skeat's *Specimens of English Literature*, 1349-1579. Open to those who have taken course 3. *Three hours a week in the second semester.*

10 College Literature.

A general survey course of English literature. Textbooks: *Century Readings for a course in English Literature*, edited by J. W. Cunliffe, J. F. A. Pyre, and Karl Young, and *Century Outlines for a course in English Literature*, compiled by F. A. Pyre, T. H. Dickinson, and Karl Young. *Three hours a week throughout the year.*

11 Shakespeare.

The following plays are studied: First Semester: *Love's Labour's Lost, Henry V., The Tempest, Midsummer Night's Dream, Romeo and Juliet, The Merchant of Venice.* Second Semester: *As You Like It, Twelfth Night, Hamlet, Coriolanus, King Lear, Macbeth, A Winter's Tale.* Text-book, either the Arden, Tudor, or Temple Edition of the play studied. *Three hours a week throughout the year.*

12 a Browning.

A careful study of the poet's life, followed by the reading and

interpretation of the most important of his poetical works. Text-book, The Globe Edition of Browning's works. *Two hours a week in the first semester.*

12 b Tennyson.

The study of Tennyson's development as a poet. Nearly all the poems are read in class. Text-book, The Globe Edition of Tennyson. *Two hours a week in the second semester.*

13 a The Romantic Movement.

A study of the movement in general, followed by particular study of the poetical works of Coleridge, Wordsworth, Byron, Shelley, and Keats. Text-book, Page's *British Poets of the Nineteenth Century. Three hours a week in the first semester.*

13 b The Victorian Era.

A continuation of 13 a. Study of the poetical works of Landor, Browning, Tennyson, Rossetti, Arnold, Morris, and Swinburne. Text-book the same as for 13 a. *Three hours a week in the second semester.*

14 Ballads and Folklore.

English and Scotch popular ballads. Origin of ballads in relation to origins of art. Text-book, *English and Scottish Popular Ballads*, edited by Sargent and Kittredge, from the collection by F. J. Child. *Two hours a week in the first semester.*

15 Modern Drama.

A study of the drama of the nineteenth and twentieth centuries in relation to the work of Ibsen. *Two hours a week in one semester.*

16 English Novel.

An historical survey of the whole period of the English novel. Lectures, class exercises, and occasional papers. *Two hours a week in one semester.*

Courses 10 to 16 are not all given every year. In 1916-'17 courses 10 or 11 together with 13 and 15 may be expected.

Note—An English Club, formed to promote interest in English studies, holds meetings once a month.

History

1 Medieval History.

Brief preliminary survey of ancient European history. Study of Medieval Europe from the barbarian invasions to the 16th century. Lectures, recitations, and written tests. Text-books: Adams' *European History,* supplemented by Emerton, *An Introduction to the Study of the Middle Ages* and *Mediaeval Europe,* with other works. Required in the sophomore year. *Three hours a week in the first semester.*

2 Modern History.

The history of Europe from the Reformation to the present time. Lectures, oral and written tests; abstracts of assigned reading. Adams' *European History* and supplementary texts. Required in the sophomore year. *Three hours a week in the second semester.*

3 a American History.

Covering the time of discovery, settlement, colonial development, the French Wars and the Revolutionary struggle. *Three hours a week in the first semester.*

3 b American History.

The formation and development of the nation, beginning with the critical time of 1783 and extending through the time of reconstruction after the Civil War. *Three hours a week in the second semester.*

4 a. English History.

The history of England from the earliest times to the Reformation. Text-book, Gardiner's *A Student's History of England.* Supplementary reading in other texts and in such special accounts as Cunningham's *The Growth of English Industry and Commerce* and Traill's *Social England. Three hours a week in the first semester.*

4 b. English History.

The history of England from the Reformation to the present time. Text and assigned readings as in 4 a. *Three hours a week in the second semester.*

Campus in Summer

Political and Economic Science

1 Advanced Civics.

Text-book, Beard's *American Government and Politics* with references to Wilson's *The State*, Bryce's *American Commonwealth*, and other works. *Three hours a week in one semester.*

2 Economics.

Text-book, Bullock's *Introduction to the Study of Economics*, with references to Mill's *Principles of Political Economy* and other standard works. *Three hours a week in one semester.*

Philosophy

1 Descriptive Psychology.

Lectures. Text-book, Angell's *Psychology*, with references to Ladd, James, and other authors. Required in the sophomore year. *Three hours a week in the first semester.*

2 Experimental Psychology.

Lecture. Text-book, Seashore's *Elementary Experiments in Psychology*. Elective. *Three hours a week in the second semester.*

3 Logic.

Lectures. Text-book, Creighton's *Introductory Logic*, with references to Mill, Bosanquet, and other authors. Required in the junior year. *Three hours a week in the first semester.*

4 Introduction to Philosophy.

Lectures. Text-book, Paulsen's *Introduction to Philosophy*. Required in the junior year. *Three hours a week in the second semester.*

5 Ethics.

Lectures. Text-book, Dewey and Tuft's *Ethics* with references to bibliography. Required in the senior year. *Two hours a week throughout the year.*

6 History of Philosophy.

Lectures, with references to Zeller, Lewes, Cousin, Burt, Windelband, and other authors. Open to those who have taken courses 1-4. *Two hours a week as arranged.*

Education

1 History of Education.

Lectures. Monroe's *Text-book*, with references to extensive bibliography. Required of those who wish to obtain teachers' state certificates. *Two hours a week throughout the year.*

2 Educational Psychology.

Lectures. Text-book, Lange's *Apperception* with references to bibliography. Required of those who wish to obtain state teachers' certificates. *Three hours a week in the second semester, usually in the sophomore or junior year.*

3 Pedagogy.

Lectures on the principles of teaching. Extensive bibliography. Practical work in teaching in the Academy of Milton College or in the Milton High School. *Three hours a week in the second semester, usually in the senior year.*

Latin

1 Livy or Cicero.

Selections from Livy, Books I. and II., or XXI. and XXII., or else either Cicero's *De Senectute* or *De Amicitia*, supplemented by Virgil's Eclogues. Exercises in writing Latin once a week. *Five hours a week in the first semester.*

2 Horace.

Selections from the Odes, Satires, and Epistles. *Five hours a week in the second semester.*

3 Roman Satire.

Selections from Juvenal, Horace, and Persius. *Three hours a week in one semester.*

4 Tacitus.

Germania and Agricola. *Two hours a week in one semester.*

5 Roman Drama.

Selected Plays of Plautus and Terence. Early Latin Literature. *Three hours a week in one semester.*

6 Epistolary Latin.

Selected Letters of Pliny and Cicero. *Three hours a week in one semester.*

7 Catullus.

Two hours a week in one semester.

8 Study of Roman Antiquities.

Three hours a week in one semester.

9 Easy Translation Course.

Either (a) Quintus Curtius and Sallust, or (b) Cæsar (Book VII. of the Gallic War) and Nepos. Open to all college students. *One hour a week throughout the year.*

10 Advanced Latin Composition.

Open to students who have completed courses 1 and 2. *Two hours a week throughout the year.*

11 Special Courses.

Author to be read and work to be done is arranged from year to year to meet the needs of the time. *Three hours a week in one semester.*

12 Study of Special Subjects.

Arranged from year to year; as Roman Political Institutions, Latin Palæography, Roman Law, Latin Hymns, etc. *Two hours a week in one semester.*

13 Latin Methods.

A course in methods of teaching Latin, for those intending to become teachers. *Two hours a week in one semester.*

Greek

1 Beginners' Greek.

Those who begin Greek in the college will take first and second year Greek just as in the academy courses (See under "Studies in the Academy"), but for full college credit will be expected to complete the second book of the Anabasis in the first year and the twelve books of the Odyssey or an equivalent in the second year.

2 Homer and Lysias.

Homer's *Odyssey*, Books V.-XII., or the *Iliad*, Books IV.-VI., and selections, in the first semester; Lysias, with grammar and composition, and the *Philippics* of Demosthenes in the second semester. *Five hours a week.*

3 Advanced Greek.

The Alcestis of Euripides, selections from Herodotus and Thucydides, and Jebb's *Primer of Greek Literature*, in the first semester. Plato's *Apology* and *Crito* and Thucydides, in the second semester. *Three hours a week.*

4 Dramatic Poets.

Two plays of Æschylus, Sophocles, or Euripides and the study of meters in the first semester. Plays of Aristophanes with discussion of the Attic Drama and Theatre in the second semester. *Three hours a week.*

5 Poets and Orators.

Greek Lyric Poets in the first semester: Greek Orators in the second semester. *Three hours a week.*

6 Plato.

Selected Dialogues. *Twice a week throughout the year.*

French

1 First Year French.

Work in grammar, reading, conversation, and phonetics, based upon Fraser and Squair's *French Grammar*. Additional texts read during the year. *Five hours a week throughout the year.*

2 Second Year French.

Translation and criticism of standard French authors, following the development of French literature from the seventeenth century through the nineteenth century. Composition one hour a week. *Four hours a week throughout the year.*

3 Composition and Conversation.

For students who wish to do advanced work in composition, conducted wholly in French. *Two hours a week throughout the year.*

4 General Survey.

A brief survey of the whole field of French literature, showing main divisions and placing representative authors. Lectures and collateral reading. *Three hours a week throughout the year.*

5 Nineteenth Century Drama.

Study and criticism of representative dramatists, such as Hugo, Dumas-Fils, Angier, Scribe, Rostand, and others. Lectures and assigned reading. *Three hours a week in the first semester.*

Spanish

First Year Spanish.

Hill and Ford's *Spanish Grammar* used in connection with Giese's *First Spanish Book.* Translation of selections from *Gil Blas. Four hours a week throughout the year.*

Second Year Spanish.

Translation of selections from the *Don Quijote* of Cervantes and from more modern writers. *Two hours a week throughout the year.*

German

0 Beginners' German.

See Academy under "Elementary German."

1 Freshman German.

Modern prose, narrative and dramatic, and a drama by Lessing or Schiller. Review of the grammar and syntax. Written and oral exercises. Open to those who offer two entrance units of German. *Five hours a week throughout the year.*

2 Classical and Modern Writers.

Selections from nineteenth century novelists and the dramas, Goethe's *Egmont* and Schiller's *Wallenstein*. Written exercises. For students who have had German 1. *Three hours a week throughout the year.*

3 German Composition and Conversation.

This course is especially intended for those who look forward to teaching. *Two hours a week throughout the year.*

4 Sight Reading.

Rapid translation of literary prose and articles in current magazines and newspapers. *Two hours a week (one hour credit) throughout the year.*

5 Modern German Dramatists.

Selected dramas from Grillparzer, Hebbel, Ludwig, Hauptmann and Sudermann, or several dramas of one of these authors, with critical study of his life and works. *Two hours a week in the first semester.*

6 Modern German Novelists.

Readings from Scheffel, Freytag, Keller, Sudermann and Frensson. Representative selections will be read in class and others will be assigned for private reading. *Two hours a week in the second semester.*

7 Faust.

Part I. Read and discussed. *Two hours a week in the first semester.*

8 German Epic, Ballad, and Lyric Poetry.

The course gives a hasty survey of German poetry from the Middle Ages to the present time, including parts of the *Nibelungenlied*, Court Epics, and characteristic *Minnelieder*, in Modern German translations, and selections from leading poets of the eighteenth and nineteenth centuries. Reports on assigned reading. *Two hours a week in the second semester.*

9 Special Courses.

Other courses may be arranged, as the critical study of one author, as Goethe, or of one period, as the Romantic period, or a general survey of the history of German literature.

10 Medieval German.

Courses in Middle High German and Old High German are offered whenever students who are prepared desire to form classes. Wright's Primers are used for elementary study, preparatory to a fuller treatment of the older German dialects in larger German works.

11 Old Saxon.

For the benefit of students specializing in English studies courses are offered in Old Saxon (Old Low German). Text-books: Holthausen's *Altsächsisches Elementarbuch* and Behaghel's *Heliand und Genesis. Two hours a week in one semester, continued in another semester if the whole of the Heliand is read.*

12 Gothic.

For students in Germanic philology courses are offered in the Gothic Gospels of Ulfilas. Text-book, Wright's *Primer of the Gothic Language* for the elementary course.

13 German Methods.

A course in methods of teaching German, for those intending to become teachers. *Two hours a week in one semester.*

Courses 3 to 9 are open to those who have had course 2. Course 10 is for advanced German students. Course 11 is for those prepared in German and Anglo-Saxon. Course 12 is for those pursuing advanced linguistic studies.

Note.—A German Club, formed among the students, holds meetings once a month.

Mathematics

1 Algebra.

Fite's *College Algebra.* Review of elementary algebra, properties of quadratic equations with emphasis on their

graphical interpretations, binomial theorem, variation, progressions, permutations and combinations, and general theory of equations. Required in the freshman year. *Three hours a week in the first semester.*

2 Plane Trigonometry.

Wilczynski and Slaught's *Plane Trigonometry.* Theory of trigonometric functions, solutions of triangles, elements of logarithms, and complex numbers. Required in the freshman year. *Three hours a week in the first semester.*

3-4 Analytic Geometry.

Smith and Gale's *New Analytic Geometry.* Cartesian co-ordinates, curve and equation, the straight line, the circle, transcendental curves and equations, polar co-ordinates, transformation of co-ordinates, parabola, ellipse, and hyperbola, tangents, parametric equations and loci, co-ordinates in space, the plane and the straight line in space, the quadric surfaces. Open to those who have taken courses 1 and 2. *Three hours a week throughout the year.*

5-6 Calculus

Granville's *Differential and Integral Calculus.* Limits, differentiation, applications to geometry and physics, rates, maxima and minima, curve tracing, integration, areas, volumes, surfaces, lengths of arcs, infinite series. Open to those who have taken courses 3 and 4. *Four hours a week throughout the year.*

7 Differential Equations.

An elementary treatment of differential equations with applications to physics and mechanics. Open to those who have taken courses 5 and 6. *Three hours a week in the first semester.*

8 Surveying

Recitations and problems in the determination of heights, distances, and areas. Field practice with the chain, the tape,

the transit, and the level. Open to those who have taken course 2. *Two hours a week in either semester.*

9 Astronomy

An historical and descriptive course, designed to give the student familiarity with the solar system, the principal constellations, and the brighter stars. Open to students beyond the freshman year. *Three hours a week in the first semester.*

10 Mechanical Drawing

Phillips and Orth's *Notes on Mechanical Drawing.* Free-hand drawing in perspective and in orthographic projection, use of instruments, lettering, working drawings, tracing, blue printing. Open to freshmen. *Three hours a week throughout the year.*

Physics

0 Elementary Physics.

Text-books: Black and Davis's *Practical Physics*, and Millikan and Gale's *A Laboratory Course in Physics.* Open for credit to freshmen who have not offered physics for entrance. For description see Physics under Academy.

1 General Physics.

Reed and Guthe's *College Physics.* Lectures and recitations, four hours a week. Laboratory practice, four hours a week. Open to those who have taken Mathematics 1 and 2. *Full study throughout the year.*

2 Heat and Light.

Advanced course of lectures. Open to those who have taken course 1. *Three hours a week in the first semester.*

3 Electricity and Magnetism.

Advanced course of lectures. Open to those who have taken course 1. *Three hours a week in the second semester.*

Chemistry

1 General Chemistry.

The subjects covered in this course will include a careful study of the occurrence and properties of the elements, together

with the laws governing all chemical reactions and stoichiometrical calculations. In the laboratory the reactions are still farther studied, followed by a series of experiments in the systematic analysis of simple compounds. Prerequisite: Physics, course 0. *Two hours each day, five times a week throughout the year.*

2 Analytical Chemistry.

A systematic course in qualitative and quantitative analysis, by both volumetric and gravimetric methods. The analysis is largely that of alloys, ores, and commercial products. Prerequisite: Course 1. *Five times a week throughout the year.*

3 Organic Chemistry.

Laboratory practice, supplemented by lectures and recitations. It is intended to give the student a general knowledge of the carbon compounds. Special attention is paid to practical application. *Five times a week in the first semester.*

4 Applied Chemistry.

Lectures and laboratory work upon subjects pertaining both to Inorganic and Organic Chemistry, including the analysis of food products: milk, butter, bread, water, soils, fertilizers, etc. *Five times a week in the second semester.*

5 Household Chemistry.

A course for those who intend to study domestic science. *Four times a week in one semester.*

Biology

1 Biology.

Microscopy, Plant and Animal Biology. Laboratory work and lectures. Open to freshmen and sophomores. *Two hours each day. Five times a week throughout the year.*

2 Physiology.

Anatomy, Physiology and Hygiene. Open to sophomores and juniors. *Five times a week in the first semester.*

3 Zoology.

Laboratory work. Special studies and a summary thesis. Open to sophomores and juniors. *Two hours each day. Three times a week in the second semester.*

4 Botany.

Laboratory work. Special studies and a summary thesis. Open to sophomores and juniors. *Two hours each day. Three times a week in the second semester.*

Geology

1 Physiography and Dynamic Geology.

Lectures, review papers and discussions. Open to juniors. *Five times a week in the first semester.*

2 Paleontology.

Class work, field studies, and a thesis. Open to juniors. *Five times a week in the second semester.*

Note—In Biology and Geology there are special courses for those who choose their major in one of these departments. The work will include the senior thesis, a copy of which must be placed in the department library. Open to seniors. *Three times a week throughout the year.*

English Bible.

Lectures and a study of the text of the American Standard Revision. Analysis of the Old and New Testaments in alternate years, with introduction. Elective. *Two hours a week throughout the year.*

Note—In 1916-'17 the Old Testament will be given.

THE ACADEMY OF MILTON COLLEGE

The Academy of Milton College is primarily a preparatory school. Its graduates are admitted to the University of Wisconsin without examination. Courses of study are indicated in the table on the following page. They all prepare students for admission to the freshman class of the college. Other combinations of studies than those indicated may be arranged, conforming in all cases to the college entrance requirements.

The studies indicated in the table are all pursued throughout the year except when two subjects are mentioned together. In this case the subject first mentioned is studied during the first semester and the second subject during the second semester. Classes in all studies meet five times a week except in the case of English. The four years' work in English as arranged makes up the three full units of English required for admission to the freshman class; but it should be noted that much more and better written work is done thus in four years than if the three units were covered in three years. Elocution is included in English as follows:—

	Mon.	Tues.	Wed.	Thurs.	Fri.
1st year	English	English	English	Elocution	English
2nd year	English		English	English	English
3rd year	Elocution	English	English	English	English
4th year		English			English

Each student is required during the fourth year to furnish one written essay, involving considerable research, aside from class work in English, or work done for a lyceum exercise, and in addition to any work done for presentation at the graduation exercises of the academy.

COURSES OF STUDY IN THE ACADEMY

Years	Latin and Greek	Latin and Modern Language	Latin and History	Language and Science (a)	Language and Science (b)*
I	First Year Latin Algebra Physical Geography-Geology or Botany First Year English	First Year Latin Algebra Physical Geography-Geology or Botany First Year English	First Year Latin Algebra Physical Geography-Geology First Year English	First Year Latin Algebra Physical Geography-Geology First Year English	First Year Latin Algebra Physical Geography-Geology First Year English
II	Second Year Latin Geometry Ancient History Second Year English	Second Year Latin Geometry Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English	Second Year Latin Physiology-Botany Ancient History Second Year English
III	Cicero Physics Greek Third Year English	Cicero Physics German or French Third Year English	Cicero Medieval and Modern History Geometry Third Year English	German or French Geometry Medieval and Modern History Third Year English	German or French Geometry Chemistry Third Year English
IV	Virgil American History Greek Fourth Year English	Virgil American History German or French Fourth Year English	Virgil American History Physics Fourth Year English	German or French Physics American History Fourth Year English	German or French Physics American History Fourth Year English

*Other combinations of language with science may be arranged, not less than two years of one language being pursued

STUDIES IN THE ACADEMY

English

First Year English.

Oral and written composition. Text-book, Briggs and Kinney's *First Book of Composition.* Class room study of *The Courtship of Miles Standish, The Sketch Book, Lady of the Lake, A Midsummer Night's Dream, The Merchant of Venice* or equivalents. Two books of outside reading required each semester.

Second Year English.

Oral and written composition. Text-book, Briggs and McKinney's *First Book of Composition.* Class room study of *Ivanhoe, The Rime of the Ancient Mariner,* selection from *The Idylls of the King, Silas Marner, Julius Caesar* or equivalents. Two books of outside reading required each semester.

Third Year English.

First semester, chronological study of principal American authors. Text-book, Clippinger's *Composition and Rhetoric.* Oral and written composition one hour a week. Second semester, chronological study of English authors. Text book, Long's *English Literature.* Special class-room study of the Prologue to the *Canterbury Tales* and Shakespearean drama. Two books of outside reading required each semester. Composition continued in second semester.

Fourth Year English.

Study of English and American authors during the year. Themes at regular intervals. Outside reading required. Text-books: Long's *American Literature* and Long's *English Literature.*

Note—For number of recitations a week see table of days on page 44.

History and Civics

Ancient History, including Oriental, Greek, and Roman.

Text-book, West's *Ancient World*, with references to Myers', Morey's and Botsford's histories. *Throughout the year.*

Medieval and Modern History.

Myer's *Medieval and Modern History. Throughout the year.*

History of the United States.

Text-book, Woodburn and Moran's *American History and Government*, with references to other text-books and authorities on the subject. *Throughout the year.*

Mathematics

Algebra.

Hawkes, Luby and Touton's *First course in Algebra.* Elementary operations including factoring, finding common divisors and multiples, reduction of fractions, and known quantities; involution, evolution, radicals, quadratic equations. *Throughout the year.*

Geometry: Plane.

Wentworth and Smith's *New Plane and Solid Geometry.* Elementary principles and their application to original theorems and problems; **Solid**—A study of points, lines, and planes in space, polyhedrons, cylinders, cones and spheres, with original exercises. *Throughout the year.*

Arithmetic.

Classes are sometimes formed for students not sufficiently prepared in arithmetic. Smith's *Commercial Arithmetic.* Percentage and its application to profit and loss. Commission, interest, discount, insurance, taxes, stocks, and exchange; ratio and proportion; and involution and evolution.

Science

Physics.

Text-books: Black and Davis's *Practical Physics*, and Millikan and Gale's *A Laboratory Course in Physics*. Two double periods are spent each week in laboratory work *Full study throughout the year.*

Chemistry.

Text-book, Hessler and Smith's *Essentials of Chemistry*. *Recitations and Laboratory work throughout the year.*

Physical Geography.

General course. *First semester.*

Elementary Geology.

General course. *Second semester.*

Elementary Physiology.

Walker's Physiology. *First semester.*

Elementary Botany.

Bailey's *Elements of Botany* and Gray's *Manual*. *Second semester.*

Latin

First Year Latin.

Special attention is given to inflection, vocabulary, pronunciation, and translations into idiomatic English. Frequent reviews and written exercises are given. Text-book, D'Ooge's *Latin for Beginners*. *Throughout the year.*

Second Year Latin.

Four books of Cæsar or any equivalent amount from various Latin writers. Prose composition one hour a week. Text-book usually Walker's *Caesar's Gallic War*. *Throughout the year.*

Cicero's Orations.

Four Orations against Catiline. Three other orations, including *De Imperio Pompeii*. Prose Composition one hour a week. *Throughout the year.*

Virgil.

Six books of the *Æneid*. Attention is given to the reading of the Latin, carefully prepared translations of review lessons, mythology, figures of speech, etc. *Throughout the year.*

Greek

First Year Greek.

A study of the elements of the language. Xenophon's *Anabasis*, Book I., with Greek Prose Composition. *Throughout the year.*

Second Year Greek.

Xenophon's *Anabasis*, Books II.-IV., with Greek Prose Composition, Homer's *Odyssey*, Books I.-IV., or *Iliad*, Books I.-III.

German

Elementary German

Corresponding to the elementary courses outlined in the Report of the Committee of Twelve. Grammar and reading of easy modern narrative prose and one or two short plays and a few poems committed to memory. Practice throughout the two years in speaking and writing German. Students should at the end of this time be able to pronounce and translate at sight simple German prose, and to carry on a simple conversation based upon the texts given for translation. *Five hours a week throughout two years.*

French

Academy French.

Students pursuing French in the academy will take two years' work with college classes. See under "Departments of Instruction."

PUBLIC SPEAKING

Courses of study in public speaking are of the greatest value to any student, no matter what the purpose of his study may be, because they contribute to his personal efficiency in several ways, primarily through the most important means of power, the expression of thought by the body and the voice. They also afford an excellent training of the mind, especially through the practice of the laws that govern the effective persuasion of others. There is, moreover, no branch of study that contributes more to the development of a strong personality. The Greeks were aware of the value of oratory and regarded it as the most important part of one's training. Practice in expression may well be continued through the entire preparatory and college education.

Public Speaking

In the College.

College students are required to attend a class in Public Speaking two hours a week for one year. This is required by the junior year, but should preferably be taken earlier if the student has time for it.

In addition to this work, for the benefit of those who shall have finished this required course and those who have already had one year of such work, a more advanced course in Oratory and Interpretation is offered, continuing three hours a week throughout the entire year. It is hoped that all who are prepared to do so will avail themselves of this opportunity.

Required Course.

Public Speaking. Text-book, Phillips' *Effective Speaking. Two hours a week throughout the year.*

Elective Course.

Oratory and Interpretative Reading. Orations and plays by standard authors are studied. Open to those who have taken the required course in public speaking. *Three hours a week.*

Special classes or private lessons may be arranged to meet the needs of individual students.

In the Academy.

All the pupils in the Academy of Milton College are required to take exercises in Elocution as a part of their work in English. See page 44.

Credit

In College the usual full credit is given for the work in public speaking.

In the Academy the work in elocution receives credit as part of the course in English.

Fees

Students in the institution taking regular courses pay for the work in this department the usual proportionate tuition based on the number of hours taken. Those not in the College and who take either of the courses pay for the two-hour course the sum of four dollars per semester and for the three-hour course five dollars per semester.

Fees for the regular courses and the fee for physical culture are paid through the college office.

For private instruction fees are payable directly to the Instructor. These are as follows: For a regular course of instruction, two half-hour lessons a week, $7.50 per half-semester of nine weeks. For individual lessons fifty cents per half-hour.

PHYSICAL CULTURE

The authorities at Milton College believe that some proper physical training, by a skilled director under medical supervision, ought to be given to all students at Milton College and that regular physical exercises ought to be required of all students. As a step toward the ideal we hope to reach, there is now required of all students of the Academy of Milton College and of all students in the College below the senior year, regular physical training based upon a systematic medical examination.

Medical Examination

The reasons for requiring a medical examination are (1) to furnish each student at the beginning of every semester information as to his general physical condition, that he may be guided in caring for his own health and in taking up such exercises as shall develop him in health, strength, and bodily symmetry; (2) to prevent any student from engaging in severe exercises or entering into sports that might injure his health; and (3) to enable the physical director to know just what each student needs for his best physical development.

It is hoped that all students will perceive the advantage of such an examination and that they will co-operate with the authorities of the college by taking the examination willingly and regularly and by following the suggestions that may be made by the medical examiner and physical director.

Examinations are made of all students at the beginning of each semester and of certain students oftener, if the medical examiner finds need for more frequent examination. At each regular examination the student is furnished with a record of it, and such advice is given the student as the examiner in his judgment thinks best to give. The examination is to discover the condition of the eyes, heart, lungs, and vital organs, and any special

condition of any part that may at all affect the student's work or physical training. This is supplemented by bodily measurements taken by a physical director. The repetition of the examination at the beginning of each semester enables the director, with the advice of the physician, to determine the result of the work already done and better to plan the work for the succeeding semester.

Examiners and Director

Two competent physicians, a gentleman and a lady, make the examination at times announced at the opening of the college in September, but the same physical director takes charge of the classes of men and women students.

Gymnasium Classes

The regular class work is held in the gymnasium in the afternoon twice a week for both men and women. Individual work is arranged to meet the necessities of the case. Attendance at the regular classes is required of all academy students, and of college students during at least two years of their course except those specially excused by the medical examiner, for reasons, and those excused by the faculty on certificate of their employers. But any student not forbidden by the medical examiner, and any member of the faculty or music student, may be admitted to the class with the approval of the director, except that no one will be admitted to a class without a previous examination.

Fees

Every student must pay to the treasurer of the college a fee for each regular examination as follows:— In all cases at the beginning of the first semester, and at the beginning of the second semester in the case of students not already examined, fifty cents. At the beginning of the second semester in the case of students already examined in the first semester, twenty-five cents. If an examination is required oftener than at the beginning of the semester, it will usually be given without fee.

Every student in the college or academy, irrespective of whether he takes physical training or is excused therefrom is charged a fee for the use of the gymnasium of fifty cents per semester.

These fees, amounting in general to one dollar in the first semester and seventy-five cents in the second semester, are charged to every student and are payable to the college treasurer at the beginning of the semester. Free scholarships do not cover these fees, but they are to be charged to those receiving free tuition as well as to all other students. Members of the faculty and music students or others, if they take physical training must also pay these fees.

Lockers in the gymnasium may be rented by students for fifty cents a semester. The rent is usually collected for the year at the beginning of the first semester. A deposit of twenty-five cents is also required for the key to the locker. Locker rent is paid to the college treasurer at his office. The deposits for keys are paid to the physical director, from whom keys are obtained on presentation of the treasurer's receipt for rent of locker.

Private Work

Any one who may desire private instruction from the physical director may make his own arrangements for such work. But if not a student already examined and enrolled, he must first take the usual examination and pay to the treasurer of the college the proper fees for the examination and for the use of the gymnasium.

SCHOOL OF MUSIC

The principal courses in music are the following: Voice Culture, Harmony, Pianoforte, Violin, Viola, and Violoncello.

Two years' study of Harmony, one year of the Theory of Music, and the course in the History of Music are required in the Pianoforte, Voice Culture, and stringed instrument courses; and at least the first two grades of one of the instrumental courses is a prerequisite of the completion of the Harmony and Voice Culture courses.

Pupils having completed any one of the above courses and having completed a full course in the Academy, or its equivalent, are entitled to a certificate of graduation in such course.

PIANOFORTE COURSES

MISS ALBERTA CRANDALL

The instruction in pianoforte playing is in five grades extending over a period of five or more years on a basis of two lessons per week.

A correct hand position and a flexible wrist are insisted on from the first as requisites for proficiency. Exercises from Mason's *Touch and Technic*, Stasny's *Finger Training*, and other aids, are used for the acquirement of correct finger, hand, and arm touches.

The technical exercises used include studies from Czerny, Heller, Cramer, Kullak's *Octaves*, *Books I. and II.*, Krause's *Trill and Other Studies*, Sonatinas from Kuhlau or Clementi, and Bach's *Two and Three Part Inventions*.

Pieces suited to the different grades are used, including selections from Schumann, Mendelssohn, Mozart, Raff, Beethoven, Schubert, Chopin, and others.

A course in Musical Kindergarten extending over a period of a year is recommended for beginners of from five to twelve years of age. The advantage of such a course is that the subject-matter is presented in such a simple and interesting way, by means of songs, stories, and games, that the children are thoroughly interested and make much more rapid progress than when taught by the old method.

The following subjects are included in the course: Notation, or sight-reading, ear-training, memorizing, metre, rhythm and time or movement, a knowledge of the key-board, a familiarity with musical signs and terms, the building of scales, major, minor, and chromatic, degrees, intervals, triads and chords, technic and musical history.

The Sweet-Whitney *Music Method* is the method used, and it is taught in classes of three.

VOICE COURSES

MR. LEMAN H. STRINGER

This course comprises a complete system of voice culture. The vocal instrument consists of not only the mouth, larynx, lungs, etc., but practically of the entire body; therefore a system of physical exercises is used for the strengthening and building up of the entire vocal instrument.

Careful attention is given to the art of relaxation, breathing, utterance, physical expression, tone attack, enunciation, pronunciation, etc.

Elementary Vocal Music

The rudiments of music, notation, solmization, sight-reading and elementary and chorus singing are included in this course. It is preparatory to the Voice Culture course and it is a desirable adjunct to all the other courses. The time required for its completion is usually two years for persons of ordinary talent.

STRINGED INSTRUMENT COURSES

MISS NELLIE BENTLEY

The practical studies in the violin course include technical exercises, major and minor scales in all positions; studies by Tuors, Kayser, Kreutzer, and Rode; pieces and concertos by classical and modern composers.

In the case also of the Viola and Violoncello, special attention is given to technical studies and the standard literature for each instrument.

ORGAN

PRESIDENT WILLIAM C. DALAND

Students who are thoroughly proficient in piano-playing and who are good readers may obtain a fair command of the organ in two years.

In the first year Rink's *Organ School* is studied, and in the second year Mendelssohn's organ sonatas and Bach's fugues are introduced as soon as the pupil is sufficiently advanced. Dudley Buck's *Studies in Pedal Phrasing* are used in connection with classical organ compositions.

The rapidity with which the course is carried on depends entirely on the ability of the student.

OTHER INSTRUMENTS

Arrangements may be made for lessons on the flute, cornet, mandolin, and other instruments.

THEORETICAL COURSES

MISS ALBERTA CRANDALL

Harmony

This course embraces the study of Harmony, Single and Double Counterpoint, Choral Preludes, Free and Strict Imitation, Canon, Fugue, Musical Form, and practical work in Composition. Chadwick's *Manual of Harmony* and Treatises on *Counterpoint and Fugue*, are the text-books used.

Theory of Music

For a pupil of ordinary ability the time required to complete this course is about five years on a basis of two lessons per week and three to four hours of daily study.

The course in the Theory of Music embraces the fundamental principles of music and explains the laws of acoustics, musical rhythms, abbreviation and signs, embellishments, and musical form. The student is required to analyze song-forms, sonatas, vocal, and contrapuntal forms. The course may be completed in one year and a small fee is charged per quarter.

History of Music

The course in the History of Music covers the ground of development from the earliest known beginning and development of notations, polyphony, oratorio and opera, as well as the invention and improvement of instruments. Brief biographies of the important composers of the different periods are included in the course. The course is taught in classes, and is free to all students of the School of Music.

ADDITIONAL PRIVILEGES

Sight Playing and Ensemble Classes

To aid students in the instrumental courses, classes in sight playing and for ensemble work are organized for practice in the playing of duos, trios, and work for the pianoforte and stringed instruments; also recitals are given from time to time as an essential means of training for students in these courses.

These adjuncts to musical training are free, and all students in instrumental courses are required to attend them. Those who are prepared to take allotted parts in the orchestra may receive the benefit of the weekly practice of the college orchestra.

Chorus Practice

The chapel choir, college chorus, and glee club afford an opportunity for students to obtain practice in chorus singing

TUITION

The tuition in the School of Music is estimated as per half-semester, or quarter, of nine weeks.

Pipe Organ, one lesson a week	$13.50
Pianoforte, two lessons a week	14.00
The same, one lesson a week	7.50
Kindergarten, two lessons a week, in classes	4.50
Stringed Instruments, two lessons a week	14.00
The same, one lesson a week	7.50
Voice Culture, two half-hour lessons a week	13.50
The same, one half-hour lesson a week	7.50
Elementary Vocal Music, in classes	$1.00 to 2.00
Theory of Music	1.00
Harmony	7.50

Tuition is to be settled in advance at the beginning of each quarter. No reduction will be made to pupils who miss their lessons, except in the case of prolonged absence on account of sickness or other unavoidable circumstances.

MISCELLANEOUS INFORMATION

GENERAL EXPENSES

Degrees and Diplomas

Students who are graduated from the College receive the degree of Bachelor of Arts. The second or Master's degree may be conferred upon graduates that have satisfactorily pursued literary, scientific, or professional studies for three years after graduation, or that have completed in any recognized university a course that is required in that university for an advanced degree. The charge for a diploma certifying a degree is $5.00.

Fees per Semester

Tuition in College Classes	$16.00
Tuition in Academy classes	12.00
Incidental Fee charged to all students	4.00
Fee for supervision of a study pursued outside of class, $1 to	5.00
Fee for special examination	1.00
Laboratory Fee in Biology, Chemistry, and College Physics, each	3.00
Gymnasium Fee, per semester, charged to all students	.50
Fee for Physical examination, first semester	.50
The same, second semester	.25

The rate of tuition of college students is increased one dollar per semester for each hour per week above sixteen (16) hours, and diminished one dollar per semester for each hour less than fifteen (15) hours.

The rate of tuition of academy students is increased one dollar per semester for each hour per week above twenty (20) hours and diminished one dollar per semester for each hour less than fifteen (15) hours.

All fees are payable in advance. Before entering classes at the beginning of a semester, students are required to visit the

Treasurer of the College and either settle their accounts or make arrangements for settlement of the same.

Rooms and Board

Rooms for women are furnished in Goodrich Hall with stoves, bedsteads, tables, and chairs. Beds and bedding with other furniture must be supplied by the students. The charge to each student is $8.00 per semester. An additional charge, usually $2.50 a semester, is made for electric light.

Students who wish to board themselves may hire convenient rooms in private houses at about the same rate. Rooms and board may be obtained in private families at from $4.00 to $5.00 a week. Table board in club or private family varies from $2.75 to $4.00 a week.

Estimated Expenses per Year

Tuition, Incidentals, and Fees	$ 35.00 to $ 55.00
Board at $2.50 to $4.00 per week	$ 90.00 to $150.00
Rooms at $8.00 to $12.00 per semester	$ 16.00 to $ 24.00
Fuel and Lights	$ 18.00 to $ 24.00
Laundry	$ 10.00 to $ 15.00
Text-books	$ 11.00 to $ 27.00
Sundries	$ 20.00 to $ 30.00
	$200.00 to $325.00

The minimum expenses for a year of thirty-six weeks to a student who boards himself are about $200; to one who boards in a club, about $225; and to one who boards in a private family, about $250.

Opportunities for Self Support

Industrious students, both men and women, can generally find opportunities in the village and vicinity, during semesters and vacations, to earn sufficient funds to meet in part their expenses. A large number aid themselves in this way every year.

Most graduates of the college have been students of limited means who earned their way by manual labor, by teaching in the public schools, or by engaging in other occupations.

FREE SCHOLARSHIPS

Milton College offers a free scholarship for one year to the graduate having the highest honors in his class in each high school in the State of Wisconsin that requires a four years' course of study. A free scholarship for one year is also offered to the graduate having the highest honors in his class in such other high schools in the neighboring states as its Board of Trustees may specially designate.

Free scholarships for one year are also offered to the graduates of the Academy of Milton College, and to the students belonging to the Freshman, Sophomore, and Junior classes, each of whom shall have completed the year with the highest honors. Such scholarships are now held by Marjorie Burdick, graduate with the highest honors of the Academy of Milton College, class of 1915; Mary B. Taylor, honor student of the Freshman class of 1915; Beth M. Davis, honor student of the Sophomore class of 1915; and Clifford F. Gesler, honor student of the Junior class of 1915.

A plan has also been put into operation of granting a full free scholarship to that church, society, or individual that shall give one thousand dollars to Milton College as a permanent endowment fund, the interest of which is to be used for the payment of the tuition of the student whom such church, society, or individual may nominate. Students are now the beneficiaries of such scholarships, designated as follows:

The Mary F. Bailey Scholarship.
The Jennie B. Morton Scholarship.
The Ezra Crandall Scholarship.
The Salem College Scholarship.
The Class of 1907 Scholarship.
The Rev. Oscar Babcock Scholarship.
The Rev. Edwin Shaw Scholarship.

The Albertus D. Crumb Scholarship.

The William H. and Mary E. Rich Scholarship.

All scholarships include free tuition and incidentals, but not laboratory fees, board, room, or other expenses. Some of these are awarded only on certain conditions, which will be made known upon application.

BUILDINGS

Milton College has five buildings devoted to various purposes. The Main Building contains the offices, the chapel, and many recitation and lecture rooms. The Whitford Memorial Hall contains the Library and the lecture rooms and laboratories for physics, chemistry, and biology. In this building also are the rooms for the gentlemen's literary societies. The other buildings are Goodrich Hall, the ladies' dormitory, containing a room for a ladies' literary society; the Auditorium Gymnasium, situated south of the buildings mentioned; and the President's Home on an eminence further south of the buildings. The campus fronts on College Street in the village of Milton.

EQUIPMENT

The Library

The College Library consists of what were originally the Daniel Babcock Library, the Orophilian Library, the Iduna Library and the Philomathean Library. These Libraries have been consolidated and are under the general management of the College Librarian, appointed by the Board of Trustees.

The Library now contains nearly 10,000 books and 500 pamphlets newly classified and provided with a dictionary card catalogue. There are also several hundred other pamphlets and volumes of unbound magazines.

Books or magazines may be borrowed by students and residents of Milton subject to the usual library regulations. The library is open every college week-day from 8:00 A. M. to 12:00

M., and from 1:00 P. M. to 4:30 P. M., except during the chapel exercises, that is from 9:45 to 10:15 A. M. It is also open to the public on Tuesday and Thursday afternoons during the summer vacation. During the time college is in session the Library is also open on Monday and Wednesday evenings from seven till nine o'clock.

Apparatus

The institution is well equipped with apparatus for the student's use in laboratory work in the several courses described under "Departments of Instruction." For the class in surveying, an excellent transit, a compass, a rod and a surveyor's chain are provided. The Chemical Laboratory in the south half of the second story of the Whitford Memorial Hall is well stocked with everything needful for complete work in both General and Analytical Chemistry. The Physical Laboratory is very conveniently located in the south half of the first story. The apparatus of this department has been recently very largely increased, the equipment being now full and complete, not only for the "First Course in Physics," but also for the advanced college classes. The Biological department in the second story over the Library is provided with the best Bausch & Lomb microscopes.

Cabinets

The cabinets illustrative of Mineralogy, Geology, and Paleontology, embrace over four thousand specimens, and exhibit fairly the materials and the formations of the rocks found in the state. There has been presented to the college the W. P. Clarke collection of stone and copper instruments, some of which are rare types belonging to the different periods of the Prehistoric Age, found in the immediate vicinity, elsewhere in our country, and in foreign lands. The college has obtained and preserved over eighteen hundred species of plants, which grow principally in this state. There have been gathered specimens of insects, fishes, birds, and mammals, typical of the groups of animals to which they belong; and a room with convenient cases has been

set apart for their exhibition and use. Special students of the college share in the collection and classification of type forms in the several departments.

ORGANIZATIONS CONNECTED WITH THE COLLEGE

The Literary Societies

These are four in number, the Orophilian Lyceum, the Philomathean Society, the Iduna Lyceum, and the Miltonian Lyceum. The first two are for men and the third and fourth are for women. All of these organizations hold their sessions on Saturday evening during the college year. At the end of each year, during Commencement Week, the societies present public programs. Excellent work has been done by each of these societies during the past year. Every student is urged by the faculty to become a member of some one of these organizations, because exceptional opportunities are offered to those who desire to improve in writing, in public speaking, in debating, and in a knowledge of parliamentary practice.

Christian Associations

The first religious organization of the college was established in 1856 for both men and women and continued so until May, 1907. At that time it was reorganized as a Young Men's Christian Association and a Young Women's Christian Association, both affiliated with the state and national organizations. They are absolutely non-sectarian in their organization and management. They hold three prayer and conference meetings a week during the college year. One of these is held on Friday evening and is open to both men and women. The other two meetings are held on Tuesday evening, one for men and the other for women. The associations usually hold three socials during the year, viz.: one at the beginning of the year, the second near the end of the first semester, and the third just before the spring recess. At these socials music is rendered, papers are read, and addresses are presented. An effort is also made to introduce new students to the older ones, and all are invited to join the associations.

The moral and religious influence of these organizations on the student body and on the spirit and life of the institution cannot be overestimated.

The Athletic Association

This organization is composed of all students in the institution, and has charge of all the athletic games and contests connected with it. The contests arranged by the Association are subject to the rules governing athletics. Tennis in the autumn and spring, basket-ball in the Gymnasium during the winter, and baseball in the spring, are the principal games. Early in June of each year the Asssociation holds the annual Field Day, at which records are made in the several field events. The officers of the Association this year are as follows:

President—George Thorngate; Vice-President—F. G. Hall; Secretary—Stephanie Daland; Treasurer—Vida Thomas.

The Oratorical Association

This organization is composed of the members of the four Literary Societies, Iduna, Miltonian, Philomathean, and Orophilian, and the Faculty of the College. The officers are president, vice-president, secretary, and treasurer, chosen annually, one from each of the societies. These officers together with the President of the College and the Faculty of the English Department constitute an executive committee which has general charge of the business of the Association. Two contests are held each year, a declamatory contest in the autumn for the Academy students and an oratorical contest for the College students shortly before the spring recess. Valuable prizes of money are given at each contest. Debates are also arranged between classes or with other colleges. The officers of the Association for the present year are:

President—K. B. Randolph; Vice-President—P. L. Fetherston; Secretary—Helen Mentzer; Treasurer—Beth M. Davis; Debate Manager———.

The Alumni Association

The Alumni Association of Milton College was organized in 1870, and its membership consists of those persons on whom the Institution has conferred honorary degrees, as well as those former students who have been graduated in all the courses of the College and of the old Academy. To this number should be added six distinguished former students who have been elected honorary members of the Association. This organization holds its annual meeting during Commencement Week and at this time a banquet is held. The officers of the Alumni Association for this year are:

President—Dr. E. Stillman Bailey, '73; First Vice-President—Prof. D. N. Inglis, '05; Second Vice-President—Miss Eleanor Wilbur, '15; Third Vice-President—Miss Miriam Post, '13; Fourth Vice President—Dr. L. A. Platts, '03; Secretary-Treasurer—L. H. North, '08.

The Milton Forward Movement

Early in the college year, 1913-14, a movement was initiated among the students to co-operate with the Trustees of the college in all efforts to build up the institution, to increase the number of students in attendance, to foster a spirit of amity and good-will between the students and the community, and in all ways to work for the prosperity of the institution. At its inception this was known as the "Forward Movement." It is significant of the character of the student body of the college. The present officers of the organization are as follows:

President—Vida Thomas; Recording Secretary—Leland Shaw; Corresponding Secretary—Adelaide Bartholf; Treasurer—Ruth Stillman. There are also Vice-Presidents representing the four litrary societies.

COMMENCEMENT WEEK—1916

June 9, Friday, 8 p. m., Sermon before the Christian associations.

" 10, Saturday, 8 p. m., Joint session of literary societies.

" 11, Sunday, 8. p. m., Baccalaureate sermon.

" 12, Monday, 2 p. m., Annual exercises of the School of Music.

" 12, Monday, 8 p. m., Commencement exercises of the Academy.

" 13, Tuesday, 8 p. m., Shakespearean play, presented by the literary societies.

" 14, Wednesday, 2.30 p. m., Class exercises.

" 14, Wednesday, 8 p. m., Annual concert under direction of School of Music.

" 15, Thursday, 10 a. m., Commencement exercises.

" 15, Thursday, 1 p. m., Alumni luncheon.

" 15, Thursday, 3 p. m., Meeting of old students and alumni.

" 15, Thursday, 8-11 p. m., President's reception.

CATALOGUE OF STUDENTS

COLLEGE

Senior Class

William Kenworthy Bonnell	Elizabeth, N. J.
Allison Lovelle Burdick	Milton
Elva Conrad	Elizabeth, N. J.
Aster Fae Davis	Farina, Ill
Odessa Leola Davis	Milton
Clifford Franklin Gesler	Bangor
Lewis Arthur Lush	Harvard, Ill.
Anna Ensign Post	Chicago, Ill.
Kenneth Bowen Randolph	Milton
Clark Hull Siedhoff	Milton
Nels George Sorensen	Dodge Center, Minn.
Vida Lowe Thomas	Ely, Minn.
George Thorngate	North Loup, Neb.
Mary Cecile Wentworth	Edgerton
Carroll Benjamin West	Milton Junction
Zea Zinn	Farina, Ill

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Junior Class

Grace Leona Babcock	Welton, Ia.
Adelaide June Bartholf	Milton
Clifford Leslie Burdick	Milton
Stephanie Daland	Milton
Beth Marie Davis	Milton
Paul Llewellyn Fetherston	Milton
Frank Gregory Hall	Milton

Frances Marian Ingham	Fort Wayne, Ind.
Ruth Stillman	Milton

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Sophomore Class

Isabella Brown	North Loup, Neb.
Bessie Margaret Buell	Janesville
Ethel Frances Carver	Marion, Ia.
Oliver Lyle Crandall	Milton Junction
Rachel Gladys Dunn	Milton
Sidney Charles Green	Albion
Elroy Hall Hinkley	Milton Junction
Mary Belle Taylor	Avalon

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Freshman Class

Isaphene Olive Allen	Milton Junction
Mary Isabel Austin	Milton, R. F. D.
Harold Ormand Burdick	Dunellen, N. J.
Marjorie Janette Burdick	Milton
Esther Crandall	Milton
Fred Wells Crumb	Milton
Dessie Neil Davis	Farina, Ill.
Paul Laverne Emerson	Milton
Verna Susan Foster	Olivet, Mich.
Pearl Rosina Gaarder	Orfordville
Dwight Harry Hinkley	Milton Junction
Georgia Ella Holbrook	Janesville
Ralph Raymond Holliday	Milton
John Edward Holmes	Milton
Stanley Richard Horwood	Janesville
Mary Kathryn Johnson	Stonefort, Ill.
Henrietta Clara Knuth	Janesville,
Leo Lu Lanphere	Milton

Charles Seymour Maxson	Milton
Hazel Marie McGowan	Milton Junction
Mabel D. McGowan	Milton Junction
Helen Fae Mentzer	Robins, Ia.
Elwood Walter Ormsby	Alfred Station, N. Y.
Gladys Ione Pelton	Janesville,
Helen Shaw	North Loup, Neb.
Leland Campbell Shaw	Plainfield, N. J.
Charles Robert Skinner	Brodhead
John Harold Thorngate	North Loup, Neb.
Myron Oliver Warner	Milton Junction
Gail Florence Wells	Farina, Ill.

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Special Students

Alice Borden	Milton
Bessie Ellis Crandall	Milton
Bert Ellsworth Garey	Edgerton
Florence Julia Hull	Whitewater
Keen-Seen Kum	Shanghai, China
Margaret Evelina La Mont	Milton
Hannah Shaw	North Loup, Neb.
Everett Leroy Smith	Milton, R. F. D.

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ACADEMY

Fourth Year

John Menzies Barlass	Janesville, R. F. D.
Nan Elizabeth Grundy	Janesville
John McFarlane McLay	Janesville
Ruth Valentine Stillman	Albion
Harry Elno Talbot	Milton

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Third Year

Gladys Eva Calkins	Delavan, R. F. D.
Sarah Janette Lamb	Janesville, R. F. D.
Mark Harold Shumway	Milton

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Second Year

Lottie Luella Barnes	Milton
Esther Sylvia Hurley	Welton, Ia.
Violet Alexander Livingston	Milton Junction
Bertha Sybil Reid	Exeland
James K. Shiba	Okayamaken, Japan
Reva Mildred Van Horn	Welton, Ia.
Alverda Hope Van Horn	Welton, Ia.

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First Year

Esther Inez Barker	Janesville
Harvey Edward Holmes, Jr.	Milton
Robert Johnson	Stonefort, Ill.
Wesley Wade Loofboro	Welton, Ia.
Mildred Nancy Oursler	Milton
Pearl Lucile Rothenbach	Milton

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SCHOOL OF MUSIC

Harmony

Adelaide J. Bartholf	Milton
Allison L. Burdick	Milton
Florence J. Hull	Whitewater, R. F. D.
Wilna M. Jones	Janesville

Kenneth B. Randolph. . .	Milton
Hannah Shaw	North Loup, Neb.
M. Cecile Wentworth . . .	Edgerton

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Pianoforte

Clyde E. Arrington . . .	Milton
Mary I. Austin . . .	Milton, R. F. D.
Doris Babcock	Milton
Mrs. H. M. Barbour . .	Milton
Esther I. Barker . . .	Janesville
Mizpah Bennett . . .	Milton, R. F. D.
Geneva Elin Bennett . .	Milton, R. F. D.
Beth Bingham . . .	Milton, R. F. D
Mildred M. Campbell . .	Milton
Louise H. B. Capen . .	Milton
Ethel F. Carver . . .	Marion, Ia.
Vera E. Coon	Milton Junction
Marian Coon	Milton Junction
Marie Crandall	Milton, R. F. D.
Mildred Crandall	Milton
Frances Ellis	Milton
Florence J. Hull . . .	Whitewater, R. F. D.
Wilna M. Jones . . .	Janesville
Beulah Lanphere . . .	Milton
Marian L. Lee	Milton
Anna Mallwitz	Milton Junction
Katherine Maxson . . .	Milton
Beulah McComb . . .	Lima
Helen F. Mentzer . . .	Robins, Ia.
Jessie Post	Chicago, Ill.
Kenneth B. Randolph . . .	Milton
William Summers . . .	Milton
Vida L. Thomas	Ely, Minn.

Alverda H. Van Horn	Welton, Ia.
M. Cecile Wentworth	Edgerton
Dorothy E. Whitford	Milton

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Voice Culture

Hazel Baker	Janesville
Esther I. Barker	Janesville
Adelaide J. Bartholf	Milton
Leslie J. Bennett	Milton, R. F. D
Alice Borden	Milton
Allison L. Burdick	Milton
Harold O. Burdick	Dunellen, N. J.
Bessie E. Crandall	Milton
Beth M. Davis	Milton
R. Gladys Dunn	Milton
Pearl R. Gaarder	Orfordville
Sidney C. Green	Albion
Eva Gurley	Milton
Keen-Seen Kum	Shanghai, China
E. Ray McCartney	Milton, R. F. D.
Margaret Owen	Milton Junction
Elmer Rumpf	Milton, R. F. D.
Ruth V. Stillman	Albion
George Thorngate	North Loup, Neb.
Alverda H. Van Horn	Welton, Ia.

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Violin

Herbert Barnes	Milton
Ruth Bingham	Milton, R. F. D.
Goldie Davis	Milton
Dorothy Maxson	Milton

Grant Miller	Milton Junction
Doris Randolph . . .	Milton
Jessie Striegl	Milton Juction
Lorraine Summers . . .	Milton

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Elementary Singing Class

Isaphene Allen	Russell Burdick
Isabella Brown	Harold Burdick
Marjorie Burdick	Walter Hudson
Vira Lanphere	Walter Holliday
Helen Mentzer	Robert Johnson
Mildred Oursler	Wesley Loofboro
Winifred Van Horn	Charles Maxson
Sybil Reid	Elwood Ormsby
	Leland Shaw
	Harry Talbot

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SUMMARY OF THE CATALOGUE OF STUDENTS

College

Senior Class	16
Junior Class	9
Sophomore Class	8
Freshman Class	30
Special Students	8
Total	71

Academy

Fourth Year	5
Third Year	3
Second Year	7
First Year	6
Total	21

School of Music

Harmony	7
Pianoforte	31
Voice Culture	20
Violin	8
Singing Class	18
Total in School of Music counted once	74
Total in the School of Music not in the College or in the Academy	43
Total in the Institution	135

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